

rters

Instrument :

FID_F

ClientSampleId :

FDR-BH-4-20211029-7.5-8S

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/02/2021

Supervised By :mohammad ahmed 11/02/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF11012
Data File : FF009240.D
Signal(s) : FID2B.ch
Acq On : 01 Nov 2021 20:06
Sample : M4427-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.367	2.340	2.394	BH	6387	84074	0.05%	0.001%
2	2.424	2.394	2.454	HH	38883	366752	0.20%	0.003%
3	2.471	2.454	2.505	HH	2606	38076	0.02%	0.000%
4	2.532	2.505	2.559	HH	6040	75471	0.04%	0.001%
5	2.588	2.559	2.622	HH	4723	64597	0.04%	0.000%
6	2.641	2.622	2.683	HH	4556	83280	0.05%	0.001%
7	2.694	2.683	2.699	HH	1348	10116	0.01%	0.000%
8	2.715	2.699	2.747	HH	37419	353568	0.19%	0.003%
9	2.756	2.747	2.773	HH	3784	38319	0.02%	0.000%
10	2.788	2.773	2.816	HH	3927	62711	0.03%	0.000%
11	2.826	2.816	2.839	HH	2634	25810	0.01%	0.000%
12	2.847	2.839	2.869	HH	1519	17269	0.01%	0.000%
13	2.876	2.869	2.883	HH	695	4983	0.00%	0.000%
14	2.922	2.883	2.942	HH	8651	135826	0.07%	0.001%
15	2.944	2.942	2.978	HH	2930	29373	0.02%	0.000%
16	2.990	2.978	3.004	HH	1028	12139	0.01%	0.000%
17	3.023	3.004	3.029	HH	1187	15626	0.01%	0.000%
18	3.036	3.029	3.048	HH	1135	11692	0.01%	0.000%
19	3.059	3.048	3.065	HH	1197	9943	0.01%	0.000%
20	3.075	3.065	3.084	HH	1764	16292	0.01%	0.000%
21	3.099	3.084	3.129	HH	4917	80106	0.04%	0.001%
22	3.144	3.129	3.158	HH	3937	47843	0.03%	0.000%
23	3.174	3.158	3.201	HH	6851	97350	0.05%	0.001%
24	3.215	3.201	3.229	HH	2643	31397	0.02%	0.000%
25	3.245	3.229	3.256	HH	3632	39356	0.02%	0.000%
26	3.269	3.256	3.289	HH	9128	91776	0.05%	0.001%
27	3.299	3.289	3.313	HH	1946	19973	0.01%	0.000%
28	3.347	3.313	3.356	HH	4019	53323	0.03%	0.000%
29	3.381	3.356	3.397	HH	17569	231995	0.13%	0.002%
30	3.406	3.397	3.443	HH	7263	106348	0.06%	0.001%
31	3.448	3.443	3.458	HH	1461	11799	0.01%	0.000%
32	3.472	3.458	3.479	HH	2087	21840	0.01%	0.000%
33	3.496	3.479	3.511	HH	4773	63697	0.04%	0.000%
34	3.528	3.511	3.544	HH	8151	99434	0.05%	0.001%
35	3.554	3.544	3.562	HH	3747	36862	0.02%	0.000%
36	3.568	3.562	3.580	HH	3596	34694	0.02%	0.000%

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37	3.589	3.580	3.600	HH	3163	32368	0.02%	0.000%
38	3.614	3.600	3.632	HH	4200	61035		
39	3.652	3.632	3.663	HH	4786	73101		
40	3.671	3.663	3.680	HH	4756	45378		
41	3.696	3.680	3.711	HH	8088	103859		
42	3.721	3.711	3.733	HH	4214	46857		
43	3.757	3.733	3.782	HH	11335	172776	0.10%	0.001%
44	3.803	3.782	3.823	HH	5297	92064	0.05%	0.001%
45	3.844	3.823	3.860	HH	22171	251089	0.14%	0.002%
46	3.865	3.860	3.880	HH	8984	81808	0.05%	0.001%
47	3.893	3.880	3.915	HH	5964	93035	0.05%	0.001%
48	3.927	3.915	3.936	HH	4554	50100	0.03%	0.000%
49	3.947	3.936	3.961	HH	5381	59716	0.03%	0.000%
50	3.977	3.961	3.987	HH	5739	65926	0.04%	0.001%
51	3.998	3.987	4.015	HH	5451	71717	0.04%	0.001%
52	4.027	4.015	4.049	HH	4600	68744	0.04%	0.001%
53	4.075	4.049	4.097	HH	16575	247665	0.14%	0.002%
54	4.116	4.097	4.147	HH	17829	299976	0.17%	0.002%
55	4.174	4.147	4.187	HH	9718	148092	0.08%	0.001%
56	4.222	4.187	4.250	HH	195077	2041007	1.13%	0.016%
57	4.263	4.250	4.277	HH	14055	181361	0.10%	0.001%
58	4.289	4.277	4.307	HH	10422	151185	0.08%	0.001%
59	4.320	4.307	4.344	HH	18270	220786	0.12%	0.002%
60	4.388	4.344	4.405	HH	19731	409329	0.23%	0.003%
61	4.417	4.405	4.429	HH	12977	159704	0.09%	0.001%
62	4.442	4.429	4.483	HH	12363	331389	0.18%	0.003%
63	4.496	4.483	4.502	HH	10664	104267	0.06%	0.001%
64	4.513	4.502	4.523	HH	15147	167547	0.09%	0.001%
65	4.534	4.523	4.555	HH	14098	210882	0.12%	0.002%
66	4.574	4.555	4.597	HH	22623	372876	0.21%	0.003%
67	4.621	4.597	4.636	HH	35719	549227	0.30%	0.004%
68	4.650	4.636	4.658	HH	25597	299318	0.17%	0.002%
69	4.682	4.658	4.699	HH	38877	701757	0.39%	0.005%
70	4.720	4.699	4.735	HH	28656	511700	0.28%	0.004%
71	4.749	4.735	4.763	HH	29404	358399	0.20%	0.003%
72	4.772	4.763	4.779	HH	15384	135168	0.07%	0.001%
73	4.804	4.779	4.837	HH	32210	808677	0.45%	0.006%
74	4.852	4.837	4.881	HH	24912	520161	0.29%	0.004%
75	4.897	4.881	4.909	HH	40407	486452	0.27%	0.004%
76	4.915	4.909	4.921	HH	29336	208406	0.11%	0.002%
77	4.936	4.921	4.955	HH	94148	1067122	0.59%	0.008%
78	4.969	4.955	4.978	HH	27764	320150	0.18%	0.002%
79	5.008	4.978	5.030	HH	84553	1497857	0.83%	0.012%
80	5.048	5.030	5.063	HH	47908	694818	0.38%	0.005%
81	5.079	5.063	5.088	HH	45851	585344	0.32%	0.005%
82	5.093	5.088	5.114	HH	45405	606575	0.33%	0.005%
83	5.119	5.114	5.136	HH	31007	375069	0.21%	0.003%
84	5.159	5.136	5.178	HH	55025	1040237	0.57%	0.008%
85	5.189	5.178	5.204	HH	56520	781634	0.43%	0.006%
86	5.215	5.204	5.237	HH	44914	798859	0.44%	0.006%
87	5.272	5.237	5.321	HH	440072	6746100	3.72%	0.052%
88	5.342	5.321	5.353	HH	88992	1350821	0.74%	0.010%
89	5.371	5.353	5.391	HH	282716	3483059	1.92%	0.027%

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90	5.423	5.391	5.440	HH	170550	3207050	1.77%	0.025%
91	5.449	5.440	5.485	HH	95589	1935141		
92	5.500	5.485	5.516	HH	87133	1227564		
93	5.544	5.516	5.558	HH	92993	1606666		
94	5.575	5.558	5.589	HH	154659	1840335		
95	5.599	5.589	5.610	HH	93171	1033659		
96	5.621	5.610	5.628	HH	82689	802193	0.44%	0.006%
97	5.644	5.628	5.657	HH	93870	1509275	0.83%	0.012%
98	5.662	5.657	5.676	HH	80972	805434	0.44%	0.006%
99	5.684	5.676	5.700	HH	68730	866546	0.48%	0.007%
100	5.713	5.700	5.728	HH	74209	1036570	0.57%	0.008%
101	5.743	5.728	5.760	HH	99664	1331983	0.73%	0.010%
102	5.788	5.760	5.826	HH	154101	3685410	2.03%	0.029%
103	5.845	5.826	5.866	HH	78896	1414434	0.78%	0.011%
104	5.889	5.866	5.898	HH	88776	1372016	0.76%	0.011%
105	5.906	5.898	5.919	HH	87320	944886	0.52%	0.007%
106	5.931	5.919	5.956	HH	88308	1430154	0.79%	0.011%
107	5.977	5.956	5.993	HH	51554	1102036	0.61%	0.009%
108	6.024	5.993	6.033	HH	134201	2212231	1.22%	0.017%
109	6.061	6.033	6.078	HH	280118	4494280	2.48%	0.035%
110	6.096	6.078	6.134	HH	340331	5338557	2.94%	0.041%
111	6.153	6.134	6.172	HH	176949	2534884	1.40%	0.020%
112	6.212	6.172	6.233	HH	171959	4264060	2.35%	0.033%
113	6.248	6.233	6.269	HH	151438	2460119	1.36%	0.019%
114	6.277	6.269	6.283	HH	70382	585294	0.32%	0.005%
115	6.303	6.283	6.309	HH	84208	1187136	0.65%	0.009%
116	6.325	6.309	6.342	HH	124282	1999127	1.10%	0.015%
117	6.364	6.342	6.434	HH	145869	6174456	3.40%	0.048%
118	6.447	6.434	6.462	HH	101268	1519060	0.84%	0.012%
119	6.476	6.462	6.490	HH	94049	1428778	0.79%	0.011%
120	6.518	6.490	6.528	HH	117736	2254527	1.24%	0.017%
121	6.539	6.528	6.572	HH	120205	2680028	1.48%	0.021%
122	6.602	6.572	6.622	HH	260245	4750576	2.62%	0.037%
123	6.634	6.622	6.650	HH	150416	2093987	1.15%	0.016%
124	6.674	6.650	6.685	HH	177662	2896675	1.60%	0.022%
125	6.714	6.685	6.730	HH	206251	4475766	2.47%	0.035%
126	6.756	6.730	6.768	HH	185634	3647461	2.01%	0.028%
127	6.781	6.768	6.796	HH	182429	2558750	1.41%	0.020%
128	6.802	6.796	6.811	HH	131163	1190858	0.66%	0.009%
129	6.824	6.811	6.840	HH	148284	2262356	1.25%	0.018%
130	6.862	6.840	6.867	HH	162743	2397934	1.32%	0.019%
131	6.894	6.867	6.909	HH	183709	4174013	2.30%	0.032%
132	6.928	6.909	6.947	HH	190063	3691036	2.03%	0.029%
133	6.985	6.947	6.999	HH	338428	6419387	3.54%	0.050%
134	7.004	6.999	7.034	HH	255124	4295591	2.37%	0.033%
135	7.046	7.034	7.058	HH	175948	2480246	1.37%	0.019%
136	7.088	7.058	7.104	HH	328031	6877783	3.79%	0.053%
137	7.117	7.104	7.132	HH	301664	4217023	2.32%	0.033%
138	7.145	7.132	7.162	HH	247564	4077688	2.25%	0.032%
139	7.176	7.162	7.193	HH	219634	3681410	2.03%	0.028%
140	7.222	7.193	7.250	HH	368587	9634317	5.31%	0.075%
141	7.315	7.250	7.338	HH	1046685	24503163	13.51%	0.190%

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142	7.351	7.338	7.363	HH	460547	5998423	3.31%	0.046%
143	7.374	7.363	7.391	HH	478197	7125569		
144	7.421	7.391	7.434	HH	727573	14424120		
145	7.441	7.434	7.460	HH	603266	8279278		
146	7.484	7.460	7.509	HH	777436	16780163		
147	7.543	7.509	7.575	HH	700347	21910360	12.90%	0.055%
148	7.586	7.575	7.597	HH	574387	7074101	4.44%	0.062%
149	7.602	7.597	7.622	HH	562665	8052458	12.76%	0.179%
150	7.642	7.622	7.683	HH	889648	23149155		
151	7.737	7.683	7.753	HH	794094	27636279	15.23%	0.214%
152	7.775	7.753	7.811	HH	947967	27093928	14.94%	0.210%
153	7.832	7.811	7.846	HH	798291	15389132	8.48%	0.119%
154	7.858	7.846	7.880	HH	758610	13790182	7.60%	0.107%
155	7.898	7.880	7.910	HH	892901	13830295	7.62%	0.107%
156	7.933	7.910	7.951	HH	1097214	22757218	12.55%	0.176%
157	7.988	7.951	8.007	HH	1252758	32323102	17.82%	0.250%
158	8.074	8.007	8.094	HH	1244115	54721484	30.17%	0.423%
159	8.112	8.094	8.149	HH	1210452	34733007	19.15%	0.269%
160	8.183	8.149	8.197	HH	1241906	29504224	16.26%	0.228%
161	8.231	8.197	8.255	HH	1149235	37986062	20.94%	0.294%
162	8.272	8.255	8.282	HH	1170398	18086093	9.97%	0.140%
163	8.297	8.282	8.320	HH	1194610	25531365	14.07%	0.198%
164	8.342	8.320	8.357	HH	1248446	25310230	13.95%	0.196%
165	8.381	8.357	8.399	HH	1832935	37364849	20.60%	0.289%
166	8.427	8.399	8.447	HH	1721701	39593776	21.83%	0.306%
167	8.468	8.447	8.472	HH	1172214	16879013	9.30%	0.131%
168	8.487	8.472	8.507	HH	1407099	26207847	14.45%	0.203%
169	8.517	8.507	8.531	HH	1184430	15561220	8.58%	0.120%
170	8.548	8.531	8.563	HH	1137860	20112791	11.09%	0.156%
171	8.580	8.563	8.595	HH	1112798	19375907	10.68%	0.150%
172	8.612	8.595	8.628	HH	1243112	21074786	11.62%	0.163%
173	8.646	8.628	8.684	HH	1156195	33332607	18.38%	0.258%
174	8.711	8.684	8.730	HH	1226980	27885650	15.37%	0.216%
175	8.750	8.730	8.764	HH	989987	17435253	9.61%	0.135%
176	8.774	8.764	8.794	HH	873045	14918322	8.22%	0.115%
177	8.806	8.794	8.822	HH	844894	14009947	7.72%	0.108%
178	8.842	8.822	8.857	HH	1052285	18899614	10.42%	0.146%
179	8.863	8.857	8.867	HH	847654	4929924	2.72%	0.038%
180	8.873	8.867	8.892	HH	851091	12082790	6.66%	0.094%
181	8.908	8.892	8.915	HH	821392	10951938	6.04%	0.085%
182	8.950	8.915	8.964	HH	973207	26409309	14.56%	0.204%
183	8.976	8.964	8.990	HH	978563	14031669	7.74%	0.109%
184	9.007	8.990	9.028	HH	945434	19244050	10.61%	0.149%
185	9.043	9.028	9.061	HH	801978	15304786	8.44%	0.118%
186	9.083	9.061	9.103	HH	1279727	24579554	13.55%	0.190%
187	9.147	9.103	9.174	HH	1040749	37523253	20.69%	0.290%
188	9.184	9.174	9.195	HH	813064	10023859	5.53%	0.078%
189	9.219	9.195	9.240	HH	1242571	26267536	14.48%	0.203%
190	9.260	9.240	9.278	HH	949924	19075296	10.52%	0.148%
191	9.298	9.278	9.317	HH	1134708	22465833	12.38%	0.174%
192	9.327	9.317	9.340	HH	949826	12586810	6.94%	0.097%
193	9.362	9.340	9.379	HH	1130619	22396047	12.35%	0.173%
194	9.400	9.379	9.408	HH	963764	15659952	8.63%	0.121%

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195	9.423	9.408	9.437	HH	1144301	17680165	9.75%	0.137%
196	9.455	9.437	9.475	HH	1170677	23516677	12.75%	0.137%
197	9.484	9.475	9.527	HH	977664	29196876	16.75%	0.137%
198	9.540	9.527	9.554	HH	866000	13700065	7.75%	0.137%
199	9.574	9.554	9.622	HH	1318283	39866327	21.75%	0.137%
200	9.642	9.622	9.650	HH	916357	14918245	8.75%	0.137%
201	9.672	9.650	9.686	HH	1348422	24703748	13.62%	0.191%
202	9.720	9.686	9.753	HH	1364549	50254462	27.70%	0.389%
203	9.766	9.753	9.780	HH	1219034	18724626	10.32%	0.145%
204	9.824	9.780	9.875	HH	1737398	75832024	41.80%	0.587%
205	9.902	9.875	9.914	HH	2126965	40907055	22.55%	0.317%
206	9.933	9.914	9.953	HH	2480806	46228665	25.48%	0.358%
207	9.971	9.953	9.988	HH	1992072	34868754	19.22%	0.270%
208	10.023	9.988	10.034	HH	1556169	40099517	22.11%	0.310%
209	10.056	10.034	10.084	HH	1828601	49378643	27.22%	0.382%
210	10.089	10.084	10.094	HH	1463228	8585929	4.73%	0.066%
211	10.139	10.094	10.179	HH	3522566	125555486	69.21%	0.972%
212	10.211	10.179	10.225	HH	2329993	54939913	30.29%	0.425%
213	10.258	10.225	10.272	HH	2890312	70826563	39.04%	0.548%
214	10.291	10.272	10.303	HH	3101682	51599127	28.44%	0.399%
215	10.312	10.303	10.359	HH	2896435	70863180	39.06%	0.548%
216	10.407	10.359	10.458	HH	4491405	158836339	87.56%	1.229%
217	10.474	10.458	10.495	HH	2249288	45511512	25.09%	0.352%
218	10.517	10.495	10.539	HH	2501361	56403753	31.09%	0.436%
219	10.597	10.539	10.613	HH	4637040	140204551	77.29%	1.085%
220	10.630	10.613	10.670	HH	4587326	105060299	57.92%	0.813%
221	10.700	10.670	10.736	HH	3114706	97336352	53.66%	0.753%
222	10.766	10.736	10.789	HH	2586012	72275907	39.84%	0.559%
223	10.813	10.789	10.822	HH	2657406	48234898	26.59%	0.373%
224	10.835	10.822	10.860	HH	2869351	58833110	32.43%	0.455%
225	10.876	10.860	10.900	HH	2286669	52842072	29.13%	0.409%
226	10.922	10.900	10.952	HH	2628437	71565652	39.45%	0.554%
227	10.981	10.952	11.001	HH	2955310	71926014	39.65%	0.557%
228	11.018	11.001	11.051	HH	2422035	62875344	34.66%	0.487%
229	11.079	11.051	11.091	HH	2301759	48147745	26.54%	0.373%
230	11.100	11.091	11.118	HH	2332762	34996678	19.29%	0.271%
231	11.137	11.118	11.153	HH	2180885	42212688	23.27%	0.327%
232	11.173	11.153	11.194	HH	2540495	51149123	28.20%	0.396%
233	11.217	11.194	11.232	HH	2243331	46697561	25.74%	0.361%
234	11.254	11.232	11.264	HH	2724498	47711639	26.30%	0.369%
235	11.287	11.264	11.310	HH	2924020	68457003	37.74%	0.530%
236	11.350	11.310	11.383	HH	3217386	110775678	61.07%	0.857%
237	11.391	11.383	11.408	HH	2277227	31686838	17.47%	0.245%
238	11.442	11.408	11.477	HH	3480009	96736177	53.33%	0.749%
239	11.516	11.477	11.531	HH	2796758	71075381	39.18%	0.550%
240	11.546	11.531	11.564	HH	2642729	50068261	27.60%	0.387%
241	11.580	11.564	11.597	HH	2814605	52331327	28.85%	0.405%
242	11.629	11.597	11.651	HH	2916458	82238315	45.33%	0.636%
243	11.672	11.651	11.703	HH	2953532	76259589	42.04%	0.590%
244	11.728	11.703	11.749	HH	2481692	62130035	34.25%	0.481%
245	11.773	11.749	11.792	HH	2982789	68916241	37.99%	0.533%
246	11.840	11.792	11.859	HH	3546192	128557420	70.87%	0.995%

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FDR-BH-4-20211029-7.5-8S

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/02/2021

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					rt	Area	Area%	Height
247	11.866	11.859	11.892	HH	3182395	54835164	30.23%	0.424%
248	11.941	11.892	11.979	HH	4616601	181401525	100.00%	0.424%
249	12.005	11.979	12.027	HH	3699588	92330705	50.00%	0.424%
250	12.068	12.027	12.099	HH	4499494	152840611	84.00%	0.424%
251	12.105	12.099	12.114	HH	3049018	26429313	14.00%	0.424%
252	12.143	12.114	12.162	HH	3561594	94522109	52.00%	0.424%
253	12.199	12.162	12.217	HH	4288660	124372802	68.56%	0.962%
254	12.231	12.217	12.265	HH	3366542	89151818	49.15%	0.690%
255	12.294	12.265	12.317	HH	3720830	102568130	56.54%	0.794%
256	12.329	12.317	12.360	HH	3170757	75370938	41.55%	0.583%
257	12.393	12.360	12.403	HH	2820342	67146486	37.02%	0.520%
258	12.419	12.403	12.423	HH	2838430	34828833	19.20%	0.270%
259	12.442	12.423	12.460	HH	3233409	65966353	36.36%	0.510%
260	12.480	12.460	12.504	HH	2806045	70266176	38.74%	0.544%
261	12.526	12.504	12.545	HH	2666800	63236610	34.86%	0.489%
262	12.574	12.545	12.599	HH	2632773	80764881	44.52%	0.625%
263	12.627	12.599	12.649	HH	3003723	78722270	43.40%	0.609%
264	12.669	12.649	12.693	HH	2706220	68438105	37.73%	0.530%
265	12.724	12.693	12.741	HH	2769161	74309375	40.96%	0.575%
266	12.769	12.741	12.803	HH	3047558	103457760	57.03%	0.801%
267	12.826	12.803	12.844	HH	2931599	67757467	37.35%	0.524%
268	12.854	12.844	12.871	HH	2650639	41955144	23.13%	0.325%
269	12.894	12.871	12.923	HH	2909418	83642424	46.11%	0.647%
270	12.927	12.923	12.980	HH	2577832	82933231	45.72%	0.642%
271	13.020	12.980	13.047	HH	2738944	100780854	55.56%	0.780%
272	13.068	13.047	13.085	HH	2907407	60636534	33.43%	0.469%
273	13.091	13.085	13.110	HH	2498553	35572101	19.61%	0.275%
274	13.143	13.110	13.166	HH	2789122	82993457	45.75%	0.642%
275	13.183	13.166	13.204	HH	2376278	52845398	29.13%	0.409%
276	13.221	13.204	13.226	HH	2360346	30822961	16.99%	0.239%
277	13.233	13.226	13.235	HH	2401934	12859065	7.09%	0.100%
278	13.239	13.235	13.277	HH	2422361	55985348	30.86%	0.433%
279	13.284	13.277	13.295	HH	2183803	23980651	13.22%	0.186%
280	13.302	13.295	13.313	HH	2180133	22903125	12.63%	0.177%
281	13.326	13.313	13.366	HH	2207595	65651254	36.19%	0.508%
282	13.404	13.366	13.437	HH	2365047	91653784	50.53%	0.709%
283	13.468	13.437	13.492	HH	2176123	69210228	38.15%	0.536%
284	13.510	13.492	13.515	HH	2105292	28850639	15.90%	0.223%
285	13.538	13.515	13.578	HH	2205988	79306352	43.72%	0.614%
286	13.587	13.578	13.595	HH	2028236	20404978	11.25%	0.158%
287	13.602	13.595	13.618	HH	1986630	26885167	14.82%	0.208%
288	13.649	13.618	13.689	HH	2442334	88546641	48.81%	0.685%
289	13.713	13.689	13.720	HH	2099964	36765982	20.27%	0.285%
290	13.724	13.720	13.733	HH	2052989	16553811	9.13%	0.128%
291	13.770	13.733	13.800	HH	2190521	81422657	44.89%	0.630%
292	13.825	13.800	13.852	HH	2042597	59841485	32.99%	0.463%
293	13.890	13.852	13.912	HH	1956577	69305245	38.21%	0.536%
294	13.931	13.912	13.944	HH	1935728	36427275	20.08%	0.282%
295	13.952	13.944	13.957	HH	1929764	14722036	8.12%	0.114%
296	13.961	13.957	13.975	HH	1914088	19880459	10.96%	0.154%
297	13.988	13.975	14.002	HH	1904759	30683228	16.91%	0.237%
298	14.025	14.002	14.055	HH	1983604	59778142	32.95%	0.463%
299	14.082	14.055	14.092	HH	2022133	43388836	23.92%	0.336%

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Manual IntegrationsAPPROVED

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					rt	Area	Area%	Height
300	14.116	14.092	14.126	HH	2013411	40865270	22.53%	0.316%
301	14.133	14.126	14.154	HH	2018046	32817371	18.04%	0.273%
302	14.170	14.154	14.175	HH	1953264	23651148	13.04%	0.189%
303	14.194	14.175	14.217	HH	2105327	51097708	28.04%	0.383%
304	14.225	14.217	14.232	HH	1946751	17078082	9.33%	0.127%
305	14.267	14.232	14.295	HH	2086376	74809845	41.04%	0.552%
306	14.311	14.295	14.325	HH	2023364	35221013	19.42%	0.273%
307	14.347	14.325	14.367	HH	2019068	49458264	27.26%	0.383%
308	14.380	14.367	14.399	HH	1999768	36823230	20.30%	0.285%
309	14.406	14.399	14.411	HH	1874550	13305379	7.33%	0.103%
310	14.436	14.411	14.452	HH	1903054	46509250	25.64%	0.360%
311	14.478	14.452	14.510	HH	2008959	66107057	36.44%	0.512%
312	14.553	14.510	14.588	HH	2000836	90432391	49.85%	0.700%
313	14.606	14.588	14.635	HH	1957871	53252835	29.36%	0.412%
314	14.639	14.635	14.642	HH	1825117	7326528	4.04%	0.057%
315	14.651	14.642	14.670	HH	1834525	30071979	16.58%	0.233%
316	14.678	14.670	14.684	HH	1814297	15716196	8.66%	0.122%
317	14.755	14.684	14.778	HH	2106001	108915325	60.04%	0.843%
318	14.783	14.778	14.819	HH	1931246	45528184	25.10%	0.352%
319	14.840	14.819	14.845	HH	1929904	30055157	16.57%	0.233%
320	14.865	14.845	14.901	HH	1964539	62405916	34.40%	0.483%
321	14.936	14.901	14.957	HH	2100755	65742011	36.24%	0.509%
322	14.981	14.957	14.999	HH	2153562	50469760	27.82%	0.391%
323	15.016	14.999	15.035	HH	1966818	41299076	22.77%	0.320%
324	15.040	15.035	15.062	HH	1801747	28090530	15.49%	0.217%
325	15.082	15.062	15.087	HH	1906279	27723739	15.28%	0.215%
326	15.093	15.087	15.121	HH	1903961	37677407	20.77%	0.292%
327	15.141	15.121	15.157	HH	1844752	38218230	21.07%	0.296%
328	15.168	15.157	15.180	HH	1806417	24365195	13.43%	0.189%
329	15.196	15.180	15.200	HH	1861079	22837867	12.59%	0.177%
330	15.204	15.200	15.211	HH	1835889	11128040	6.13%	0.086%
331	15.226	15.211	15.246	HH	1882017	38572868	21.26%	0.299%
332	15.263	15.246	15.276	HH	1890300	33683204	18.57%	0.261%
333	15.289	15.276	15.295	HH	1837086	20017816	11.04%	0.155%
334	15.299	15.295	15.307	HH	1840918	13781433	7.60%	0.107%
335	15.311	15.307	15.328	HH	1871669	22323880	12.31%	0.173%
336	15.333	15.328	15.343	HH	1804018	17166583	9.46%	0.133%
337	15.363	15.343	15.369	HH	1886258	28074598	15.48%	0.217%
338	15.373	15.369	15.402	HH	1860093	34800724	19.18%	0.269%
339	15.417	15.402	15.434	HH	1898181	34856795	19.22%	0.270%
340	15.448	15.434	15.457	HH	1811518	25367439	13.98%	0.196%
341	15.462	15.457	15.474	HH	1788184	17462980	9.63%	0.135%
342	15.495	15.474	15.506	HH	1888224	36148399	19.93%	0.280%
343	15.513	15.506	15.518	HH	1836657	13012560	7.17%	0.101%
344	15.527	15.518	15.532	HH	1881047	15188532	8.37%	0.118%
345	15.544	15.532	15.562	HH	1903598	33663168	18.56%	0.261%
346	15.569	15.562	15.575	HH	1841555	14651820	8.08%	0.113%
347	15.577	15.575	15.582	HH	1845338	7488556	4.13%	0.058%
348	15.607	15.582	15.634	HH	1953973	58363199	32.17%	0.452%
349	15.643	15.634	15.663	HH	1848644	31162273	17.18%	0.241%
350	15.674	15.663	15.684	HH	1805837	22617044	12.47%	0.175%
351	15.689	15.684	15.697	HH	1820129	14305752	7.89%	0.111%

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352	15.701	15.697	15.710	HH	1828416	14157089	7.80% 0.110%
353	15.730	15.710	15.752	HH	1883012	45331119	24.61% 0.110%
354	15.758	15.752	15.763	HH	1787169	11842265	6.16% 0.110%
355	15.783	15.763	15.807	HH	1815170	46230092	25.71% 0.110%
356	15.816	15.807	15.821	HH	1734545	14417128	7.16% 0.167%
357	15.829	15.821	15.850	HH	1777435	30407246	16.81% 0.167%
358	15.854	15.850	15.872	HH	1722395	21559740	11.89% 0.167%
359	15.881	15.872	15.888	HH	1661054	15783030	8.70% 0.122%
360	15.896	15.888	15.902	HH	1703149	14425727	7.95% 0.112%
361	15.906	15.902	15.917	HH	1683188	15086840	8.32% 0.117%
362	15.920	15.917	15.932	HH	1637519	14369034	7.92% 0.111%
363	15.955	15.932	15.960	HH	1632950	26866916	14.81% 0.208%
364	15.967	15.960	15.975	HH	1627789	14804065	8.16% 0.115%
365	15.982	15.975	15.987	HH	1628153	11193119	6.17% 0.087%
366	15.992	15.987	15.999	HH	1605136	10985802	6.06% 0.085%
367	16.027	15.999	16.064	HH	1701255	62897648	34.67% 0.487%
368	16.067	16.064	16.084	HH	1539455	18385541	10.14% 0.142%
369	16.103	16.084	16.134	HH	1533437	44832203	24.71% 0.347%
370	16.153	16.134	16.172	HH	1466226	32514870	17.92% 0.252%
371	16.175	16.172	16.186	HH	1422128	11548519	6.37% 0.089%
372	16.201	16.186	16.224	HH	1423436	31541733	17.39% 0.244%
373	16.237	16.224	16.260	HH	1389466	30227015	16.66% 0.234%
374	16.283	16.260	16.304	HH	1378157	35079951	19.34% 0.271%
375	16.310	16.304	16.316	HH	1358525	10053756	5.54% 0.078%
376	16.325	16.316	16.332	HH	1350755	12799943	7.06% 0.099%
377	16.342	16.332	16.350	HH	1351120	14804470	8.16% 0.115%
378	16.354	16.350	16.381	HH	1343329	23816126	13.13% 0.184%
379	16.417	16.381	16.423	HH	1329120	33012140	18.20% 0.255%
380	16.432	16.423	16.439	HH	1347865	13342243	7.36% 0.103%
381	16.443	16.439	16.454	HH	1325770	11237157	6.19% 0.087%
382	16.503	16.454	16.520	HH	1739971	60028480	33.09% 0.465%
383	16.525	16.520	16.573	HH	1488780	41072514	22.64% 0.318%
384	16.578	16.573	16.584	HH	1202411	7837463	4.32% 0.061%
385	16.588	16.584	16.597	HH	1196629	9547201	5.26% 0.074%
386	16.626	16.597	16.646	HH	1333212	35899887	19.79% 0.278%
387	16.654	16.646	16.674	HH	1202575	19942231	10.99% 0.154%
388	16.694	16.674	16.724	HH	1291487	36599271	20.18% 0.283%
389	16.743	16.724	16.789	HH	1225702	45896072	25.30% 0.355%
390	16.819	16.789	16.845	HH	1455810	42991142	23.70% 0.333%
391	16.884	16.845	16.904	HH	1632173	46267330	25.51% 0.358%
392	16.919	16.904	16.927	HH	1133565	15607725	8.60% 0.121%
393	16.933	16.927	16.958	HH	1121610	19938115	10.99% 0.154%
394	16.971	16.958	16.999	HH	1183447	27345270	15.07% 0.212%
395	17.013	16.999	17.047	HH	1072882	30678855	16.91% 0.237%
396	17.052	17.047	17.065	HH	1045017	11458660	6.32% 0.089%
397	17.069	17.065	17.075	HH	1042463	6212706	3.42% 0.048%
398	17.123	17.075	17.143	HH	1160458	43582907	24.03% 0.337%
399	17.147	17.143	17.153	HH	1037133	6197358	3.42% 0.048%
400	17.160	17.153	17.167	HH	1049595	8661511	4.77% 0.067%
401	17.187	17.167	17.209	HH	1097177	26905058	14.83% 0.208%
402	17.229	17.209	17.242	HH	1116579	21563675	11.89% 0.167%
403	17.253	17.242	17.299	HH	1122635	36773125	20.27% 0.285%
404	17.305	17.299	17.312	HH	1011150	8042134	4.43% 0.062%

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405	17.332	17.312	17.342	HH	1046985	18087606	9.97%	0.140%
406	17.364	17.342	17.383	HH	1091096	26344815	14.9%	0.140%
407	17.390	17.383	17.413	HH	1043827	17874921	9.9%	0.140%
408	17.420	17.413	17.433	HH	1014720	12240246	6.8%	0.140%
409	17.450	17.433	17.465	HH	1045300	19175930	10.9%	0.140%
410	17.475	17.465	17.493	HH	1013111	17114928	9.9%	0.140%
411	17.499	17.493	17.502	HH	1004289	5086979	2.80%	0.039%
412	17.524	17.502	17.565	HH	1049393	38113624	21.01%	0.295%
413	17.594	17.565	17.622	HH	1060751	34680848	19.12%	0.268%
414	17.632	17.622	17.645	HH	997912	13810310	7.61%	0.107%
415	17.657	17.645	17.664	HH	1002425	11344886	6.25%	0.088%
416	17.669	17.664	17.694	HH	980079	16679114	9.19%	0.129%
417	17.717	17.694	17.727	HH	950850	18753095	10.34%	0.145%
418	17.730	17.727	17.777	HH	952798	27334307	15.07%	0.212%
419	17.798	17.777	17.803	HH	948965	14601299	8.05%	0.113%
420	17.809	17.803	17.820	HH	945268	9595775	5.29%	0.074%
421	17.824	17.820	17.849	HH	947484	16024089	8.83%	0.124%
422	17.865	17.849	17.870	HH	935369	11768056	6.49%	0.091%
423	17.877	17.870	17.884	HH	941596	7394998	4.08%	0.057%
424	17.895	17.884	17.920	HH	925873	19624756	10.82%	0.152%
425	17.977	17.920	17.987	HH	1094264	39894328	21.99%	0.309%
426	18.004	17.987	18.062	HH	1117933	44644608	24.61%	0.345%
427	18.072	18.062	18.094	HH	931288	17221758	9.49%	0.133%
428	18.110	18.094	18.118	HH	877543	12899993	7.11%	0.100%
429	18.147	18.118	18.160	HH	987923	23530574	12.97%	0.182%
430	18.175	18.160	18.188	HH	958521	16036490	8.84%	0.124%
431	18.197	18.188	18.215	HH	950354	14784737	8.15%	0.114%
432	18.252	18.215	18.305	HH	1224030	54085090	29.82%	0.419%
433	18.344	18.305	18.361	HH	1135321	33731544	18.59%	0.261%
434	18.370	18.361	18.387	HH	1014537	15343150	8.46%	0.119%
435	18.401	18.387	18.447	HH	991617	32646772	18.00%	0.253%
436	18.458	18.447	18.472	HH	828584	12109829	6.68%	0.094%
437	18.509	18.472	18.529	HH	1173652	33379475	18.40%	0.258%
438	18.539	18.529	18.545	HH	826175	7824676	4.31%	0.061%
439	18.594	18.545	18.613	HH	911374	35215030	19.41%	0.273%
440	18.635	18.613	18.694	HH	998531	42223483	23.28%	0.327%
441	18.709	18.694	18.730	HH	812962	17526994	9.66%	0.136%
442	18.754	18.730	18.777	HH	873474	23090531	12.73%	0.179%
443	18.781	18.777	18.785	HH	786191	3916535	2.16%	0.030%
444	18.801	18.785	18.819	HH	888555	17125571	9.44%	0.133%
445	18.825	18.819	18.844	HH	803222	11555420	6.37%	0.089%
446	18.862	18.844	18.867	HH	810209	11291467	6.22%	0.087%
447	18.873	18.867	18.884	HH	801158	7721232	4.26%	0.060%
448	18.930	18.884	18.955	HH	864409	35087781	19.34%	0.272%
449	18.971	18.955	18.982	HH	802265	13120346	7.23%	0.102%
450	19.006	18.982	19.045	HH	889524	30982005	17.08%	0.240%
451	19.086	19.045	19.130	HH	851219	40363206	22.25%	0.312%
452	19.151	19.130	19.211	HH	802616	37694723	20.78%	0.292%
453	19.233	19.211	19.244	HH	757190	14640771	8.07%	0.113%
454	19.271	19.244	19.279	HH	750311	15395831	8.49%	0.119%
455	19.290	19.279	19.317	HH	761310	17207248	9.49%	0.133%
456	19.330	19.317	19.337	HH	769420	9007281	4.97%	0.070%

Instrument :
FID_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8S

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/02/2021
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					rters			
457	19.342	19.337	19.369	HH	776206	14495985	7.99%	0.112%
458	19.387	19.369	19.397	HH	808271	13065621		
459	19.402	19.397	19.415	HH	802485	8116100		
460	19.422	19.415	19.434	HH	762397	8463281		
461	19.455	19.434	19.461	HH	777888	12402025		
462	19.466	19.461	19.487	HH	770477	11788380		
463	19.500	19.487	19.514	HH	734123	11678855	6.44%	0.090%
464	19.532	19.514	19.537	HH	725847	10032974	5.53%	0.078%
465	19.565	19.537	19.606	HH	807468	30757742	16.96%	0.238%
466	19.647	19.606	19.686	HH	886699	37821493	20.85%	0.293%
467	19.717	19.686	19.747	HH	921736	29803616	16.43%	0.231%
468	19.783	19.747	19.797	HH	811928	22919844	12.63%	0.177%
469	19.812	19.797	19.831	HH	767604	15068647	8.31%	0.117%
470	19.846	19.831	19.871	HH	732197	16814730	9.27%	0.130%
471	19.893	19.871	19.904	HH	673031	13074964	7.21%	0.101%
472	19.930	19.904	19.963	HH	766204	25372399	13.99%	0.196%
473	19.995	19.963	20.000	HH	720979	15417574	8.50%	0.119%
474	20.035	20.000	20.060	HH	960195	29256567	16.13%	0.226%
475	20.095	20.060	20.112	HH	781019	22812266	12.58%	0.177%
476	20.125	20.112	20.151	HH	717398	15959083	8.80%	0.124%
477	20.174	20.151	20.200	HH	729428	20458749	11.28%	0.158%
478	20.228	20.200	20.239	HH	693121	15753498	8.68%	0.122%
479	20.246	20.239	20.252	HH	672553	5395099	2.97%	0.042%
480	20.263	20.252	20.267	HH	674615	6187235	3.41%	0.048%
481	20.283	20.267	20.287	HH	695424	7847658	4.33%	0.061%
482	20.308	20.287	20.331	HH	760831	19249763	10.61%	0.149%
483	20.338	20.331	20.346	HH	689819	6165690	3.40%	0.048%
484	20.366	20.346	20.388	HH	688869	16864447	9.30%	0.131%
485	20.393	20.388	20.404	HH	662037	6203197	3.42%	0.048%
486	20.409	20.404	20.420	HH	647065	6018195	3.32%	0.047%
487	20.440	20.420	20.455	HH	647956	13656043	7.53%	0.106%
488	20.458	20.455	20.470	HH	650420	5726646	3.16%	0.044%
489	20.477	20.470	20.484	HH	638084	4993970	2.75%	0.039%
490	20.498	20.484	20.504	HH	648627	7945487	4.38%	0.061%
491	20.514	20.504	20.542	HH	643424	14214963	7.84%	0.110%
492	20.548	20.542	20.562	HH	608956	7055928	3.89%	0.055%
493	20.565	20.562	20.571	HH	588974	3029882	1.67%	0.023%
494	20.581	20.571	20.587	HH	591727	5834886	3.22%	0.045%
495	20.592	20.587	20.640	HH	588830	18117101	9.99%	0.140%
496	20.678	20.640	20.714	HH	642628	26488702	14.60%	0.205%
497	20.729	20.714	20.758	HH	574994	15070338	8.31%	0.117%
498	20.764	20.758	20.771	HH	544566	4191111	2.31%	0.032%
499	20.777	20.771	20.821	HH	543412	15557791	8.58%	0.120%
500	20.856	20.821	20.898	HH	546343	24174019	13.33%	0.187%
501	20.927	20.898	20.974	HH	513805	22582327	12.45%	0.175%
502	20.981	20.974	20.992	HH	467261	5062031	2.79%	0.039%
503	21.004	20.992	21.009	HH	468333	4725093	2.60%	0.037%
504	21.058	21.009	21.067	HH	497924	16810815	9.27%	0.130%
505	21.078	21.067	21.121	HH	500737	15169503	8.36%	0.117%
506	21.138	21.121	21.184	HH	462478	16720511	9.22%	0.129%
507	21.191	21.184	21.198	HH	416576	3539718	1.95%	0.027%
508	21.212	21.198	21.227	HH	426609	7346163	4.05%	0.057%
509	21.257	21.227	21.270	HH	441225	11267474	6.21%	0.087%

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FDR-BH-4-20211029-7.5-8S

Manual IntegrationsAPPROVED

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				rteres			
510	21.286	21.270	21.324	HH	440881	13725282	7.57% 0.106%
511	21.356	21.324	21.361	HH	441350	9658381	
512	21.363	21.361	21.387	HH	439342	6625352	
513	21.418	21.387	21.441	HH	453525	14032727	
514	21.466	21.441	21.515	HH	469085	19563503	10.75% 0.187%
515	21.530	21.515	21.561	HH	401691	10584715	5.42% 0.116%
516	21.573	21.561	21.596	HH	382677	8014937	4.42% 0.062%
517	21.630	21.596	21.654	HH	389687	12870667	7.10% 0.100%
518	21.672	21.654	21.721	HH	383929	14748378	8.13% 0.114%
519	21.777	21.721	21.825	HH	436825	24224353	13.35% 0.187%
520	21.857	21.825	21.892	HH	395615	14968565	8.25% 0.116%

Sum of corrected areas: 12922174984

FF100721.M Tue Nov 02 09:46:23 2021

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