

nteres

Instrument :
FID_F
ClientSampleId :
RS-FMSD

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF03302
Data File : FF012377.D
Signal (s) : FID2B.ch
Acq On : 30 Mar 2023 14:47
Sample : 02126-06MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
Title :

Signal : FID2B.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.912	1.900	1.953	BV	561	7306	0.13%	0.004%
2	1.966	1.953	1.992	VV	446	4562	0.08%	0.003%
3	1.996	1.992	2.006	PV	93	633	0.01%	0.000%
4	2.016	2.006	2.037	VV	387	2793	0.05%	0.002%
5	2.076	2.037	2.142	PV	183071	1805476	33.10%	1.003%
6	2.151	2.142	2.188	VV	356	6210	0.11%	0.003%
7	2.192	2.188	2.203	PV	82	658	0.01%	0.000%
8	2.215	2.203	2.238	VV	122	1623	0.03%	0.001%
9	2.245	2.238	2.249	VV	54	307	0.01%	0.000%
10	2.254	2.249	2.273	PV	87	968	0.02%	0.001%
11	2.285	2.273	2.298	VV	179	1788	0.03%	0.001%
12	2.314	2.298	2.352	VV	590	9966	0.18%	0.006%
13	2.363	2.352	2.474	VV	4750	62856	1.15%	0.035%
14	2.491	2.474	2.525	VV	224	2621	0.05%	0.001%
15	2.527	2.525	2.568	VV	75	1155	0.02%	0.001%
16	2.574	2.568	2.588	PV	147	781	0.01%	0.000%
17	2.592	2.588	2.599	VV	82	308	0.01%	0.000%
18	2.603	2.599	2.613	VV	84	423	0.01%	0.000%
19	2.621	2.613	2.629	VV	119	644	0.01%	0.000%
20	2.633	2.629	2.637	VV	125	437	0.01%	0.000%
21	2.658	2.637	2.674	VV	358	4860	0.09%	0.003%
22	2.677	2.674	2.707	VV	187	1619	0.03%	0.001%
23	2.721	2.707	2.745	PV	165	2169	0.04%	0.001%
24	2.771	2.745	2.844	VV	428	8898	0.16%	0.005%
25	2.855	2.844	2.867	VV	151	1151	0.02%	0.001%
26	2.871	2.867	2.875	VV	107	406	0.01%	0.000%
27	2.886	2.875	2.914	VV	228	2602	0.05%	0.001%
28	2.924	2.914	2.928	VV	118	479	0.01%	0.000%
29	2.934	2.928	2.941	VV	123	527	0.01%	0.000%
30	2.944	2.941	2.951	PV	124	428	0.01%	0.000%
31	2.986	2.951	3.021	VV	909	17576	0.32%	0.010%
32	3.035	3.021	3.057	VV	661	9834	0.18%	0.005%
33	3.063	3.057	3.079	VV	517	5442	0.10%	0.003%
34	3.085	3.079	3.097	VV	407	3734	0.07%	0.002%
35	3.100	3.097	3.139	VV	285	6032	0.11%	0.003%
36	3.145	3.139	3.178	VV	303	4510	0.08%	0.003%

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37	3. 182	3. 178	3. 208	VV	173	2728	0. 05%	0. 002%
38	3. 212	3. 208	3. 229	VV	151	1479		
39	3. 236	3. 229	3. 243	VV	193	1154		
40	3. 255	3. 243	3. 268	VV	258	3201		
41	3. 273	3. 268	3. 279	VV	316	1542		
42	3. 285	3. 279	3. 298	VV	305	2172		
43	3. 340	3. 298	3. 353	VV	487	8776	0. 16%	0. 005%
44	3. 358	3. 353	3. 394	VV	325	5984	0. 11%	0. 003%
45	3. 408	3. 394	3. 414	VV	300	2596	0. 05%	0. 001%
46	3. 424	3. 414	3. 441	VV	350	4051	0. 07%	0. 002%
47	3. 465	3. 441	3. 471	VV	605	7562	0. 14%	0. 004%
48	3. 483	3. 471	3. 498	VV	755	9644	0. 18%	0. 005%
49	3. 502	3. 498	3. 515	VV	556	5262	0. 10%	0. 003%
50	3. 528	3. 515	3. 555	VV	676	13680	0. 25%	0. 008%
51	3. 565	3. 555	3. 574	VV	652	6485	0. 12%	0. 004%
52	3. 583	3. 574	3. 639	VV	662	14178	0. 26%	0. 008%
53	3. 648	3. 639	3. 650	VV	215	1305	0. 02%	0. 001%
54	3. 655	3. 650	3. 674	VV	271	2960	0. 05%	0. 002%
55	3. 694	3. 674	3. 720	VV	517	7487	0. 14%	0. 004%
56	3. 730	3. 720	3. 763	VV	233	2797	0. 05%	0. 002%
57	3. 795	3. 763	3. 806	VV	372	5560	0. 10%	0. 003%
58	3. 810	3. 806	3. 828	VV	306	3507	0. 06%	0. 002%
59	3. 846	3. 828	3. 856	VV	401	5840	0. 11%	0. 003%
60	3. 869	3. 856	3. 896	VV	486	6550	0. 12%	0. 004%
61	3. 930	3. 896	3. 942	VV	442	7374	0. 14%	0. 004%
62	3. 949	3. 942	3. 968	VV	344	3949	0. 07%	0. 002%
63	3. 972	3. 968	4. 002	VV	200	2892	0. 05%	0. 002%
64	4. 024	4. 002	4. 060	PV	328	5610	0. 10%	0. 003%
65	4. 065	4. 060	4. 079	VV	186	990	0. 02%	0. 001%
66	4. 083	4. 079	4. 087	VV	112	308	0. 01%	0. 000%
67	4. 135	4. 087	4. 143	PV	473	6118	0. 11%	0. 003%
68	4. 147	4. 143	4. 157	VV	447	3315	0. 06%	0. 002%
69	4. 164	4. 157	4. 175	VV	474	4550	0. 08%	0. 003%
70	4. 189	4. 175	4. 219	VV	664	12277	0. 23%	0. 007%
71	4. 239	4. 219	4. 275	VV	516	9145	0. 17%	0. 005%
72	4. 301	4. 275	4. 306	VV	988	11280	0. 21%	0. 006%
73	4. 315	4. 306	4. 352	VV	1056	20147	0. 37%	0. 011%
74	4. 362	4. 352	4. 397	VV	827	13977	0. 26%	0. 008%
75	4. 403	4. 397	4. 416	VV	323	2816	0. 05%	0. 002%
76	4. 431	4. 416	4. 458	VV	402	6613	0. 12%	0. 004%
77	4. 468	4. 458	4. 480	VV	191	1939	0. 04%	0. 001%
78	4. 489	4. 480	4. 510	VV	202	2632	0. 05%	0. 001%
79	4. 512	4. 510	4. 529	VV	161	1584	0. 03%	0. 001%
80	4. 531	4. 529	4. 538	VV	193	827	0. 02%	0. 000%
81	4. 541	4. 538	4. 555	VV	171	1157	0. 02%	0. 001%
82	4. 589	4. 555	4. 623	VV	205373	2075976	38. 06%	1. 154%
83	4. 629	4. 623	4. 652	VV	1338	16430	0. 30%	0. 009%
84	4. 663	4. 652	4. 686	VV	691	10567	0. 19%	0. 006%
85	4. 701	4. 686	4. 727	VV	574	9963	0. 18%	0. 006%
86	4. 747	4. 727	4. 776	VV	4187	50559	0. 93%	0. 028%
87	4. 786	4. 776	4. 801	VV	654	7574	0. 14%	0. 004%
88	4. 824	4. 801	4. 864	VV	3005	55672	1. 02%	0. 031%
89	4. 872	4. 864	4. 885	VV	750	8493	0. 16%	0. 005%

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90	4.899	4.885	4.941	VV	599	14261	0.26%	0.008%
91	4.953	4.941	4.961	VV	347	3401		
92	4.979	4.961	4.993	VV	458	7039		
93	5.004	4.993	5.018	VV	414	4829		
94	5.045	5.018	5.051	VV	465	7280		
95	5.056	5.051	5.061	VV	446	2444		
96	5.095	5.061	5.120	VV	862	22933	0.42%	0.013%
97	5.154	5.120	5.197	VV	847	26767	0.49%	0.015%
98	5.203	5.197	5.221	VV	232	2618	0.05%	0.001%
99	5.241	5.221	5.246	VV	328	3154	0.06%	0.002%
100	5.249	5.246	5.269	VV	352	3205	0.06%	0.002%
101	5.274	5.269	5.279	VV	181	1020	0.02%	0.001%
102	5.300	5.279	5.317	VV	487	8215	0.15%	0.005%
103	5.344	5.317	5.364	VV	834	16158	0.30%	0.009%
104	5.374	5.364	5.394	VV	566	6029	0.11%	0.003%
105	5.408	5.394	5.431	VV	705	9291	0.17%	0.005%
106	5.432	5.431	5.456	VV	338	3129	0.06%	0.002%
107	5.473	5.456	5.497	VV	518	8331	0.15%	0.005%
108	5.501	5.497	5.513	VV	354	2485	0.05%	0.001%
109	5.531	5.513	5.563	VV	1169	17095	0.31%	0.010%
110	5.577	5.563	5.582	VV	286	2861	0.05%	0.002%
111	5.599	5.582	5.621	VV	355	4756	0.09%	0.003%
112	5.628	5.621	5.642	PV	150	969	0.02%	0.001%
113	5.662	5.642	5.678	VV	282	3340	0.06%	0.002%
114	5.680	5.678	5.696	VV	144	663	0.01%	0.000%
115	5.700	5.696	5.704	VV	60	165	0.00%	0.000%
116	5.722	5.704	5.739	PV	980	10839	0.20%	0.006%
117	5.755	5.739	5.774	VV	809	11305	0.21%	0.006%
118	5.791	5.774	5.820	VV	534	8490	0.16%	0.005%
119	5.844	5.820	5.864	PV	751	10454	0.19%	0.006%
120	5.885	5.864	5.905	VV	8565	88157	1.62%	0.049%
121	5.914	5.905	5.946	VV	1113	13217	0.24%	0.007%
122	5.952	5.946	5.956	VV	126	447	0.01%	0.000%
123	6.015	5.956	6.027	VV	2402	48808	0.89%	0.027%
124	6.038	6.027	6.055	VV	2437	32647	0.60%	0.018%
125	6.058	6.055	6.063	VV	1470	6587	0.12%	0.004%
126	6.066	6.063	6.097	VV	1566	21562	0.40%	0.012%
127	6.112	6.097	6.128	VV	926	11497	0.21%	0.006%
128	6.134	6.128	6.143	VV	373	2943	0.05%	0.002%
129	6.156	6.143	6.187	VV	478	9241	0.17%	0.005%
130	6.198	6.187	6.221	VV	400	5538	0.10%	0.003%
131	6.260	6.221	6.272	VV	371	6663	0.12%	0.004%
132	6.296	6.272	6.336	VV	24896	284965	5.22%	0.158%
133	6.347	6.336	6.382	VV	1975	31471	0.58%	0.017%
134	6.395	6.382	6.415	VV	734	10449	0.19%	0.006%
135	6.436	6.415	6.445	VV	760	10377	0.19%	0.006%
136	6.459	6.445	6.473	VV	913	11422	0.21%	0.006%
137	6.481	6.473	6.508	VV	628	8788	0.16%	0.005%
138	6.524	6.508	6.534	VV	514	5491	0.10%	0.003%
139	6.543	6.534	6.564	VV	549	7311	0.13%	0.004%
140	6.590	6.564	6.623	VV	952	15338	0.28%	0.009%
141	6.642	6.623	6.652	VV	236	3036	0.06%	0.002%

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	retention	retention	retention	retention	Area	Area	% of Total	% of Total
142	6.668	6.652	6.686	VV	530	7114	0.13%	0.004%
143	6.689	6.686	6.721	VV	471	4898	0.10%	0.004%
144	6.750	6.721	6.830	VV	211678	2159635	39.87%	1.209%
145	6.838	6.830	6.856	VV	467	5544	0.10%	0.004%
146	6.866	6.856	6.886	VV	590	8356	0.10%	0.004%
147	6.902	6.886	6.922	VV	860	11232	0.15%	0.005%
148	6.948	6.922	6.966	VV	501	9506	0.17%	0.005%
149	6.976	6.966	6.999	VV	219	2168	0.04%	0.001%
150	7.035	6.999	7.057	PV	771	8883	0.16%	0.005%
151	7.078	7.057	7.093	VV	1161	15565	0.29%	0.009%
152	7.103	7.093	7.127	VV	940	14671	0.27%	0.008%
153	7.159	7.127	7.179	VV	1749	29488	0.54%	0.016%
154	7.201	7.179	7.222	VV	681	12943	0.24%	0.007%
155	7.255	7.222	7.270	VV	808	17790	0.33%	0.010%
156	7.292	7.270	7.303	VV	1602	21355	0.39%	0.012%
157	7.323	7.303	7.360	VV	52201	590081	10.82%	0.328%
158	7.388	7.360	7.419	VV	21659	282514	5.18%	0.157%
159	7.423	7.419	7.456	VV	2246	35002	0.64%	0.019%
160	7.480	7.456	7.502	VV	2024	42699	0.78%	0.024%
161	7.525	7.502	7.618	VV	29848	373194	6.84%	0.207%
162	7.625	7.618	7.635	VV	685	6228	0.11%	0.003%
163	7.648	7.635	7.652	VV	666	6415	0.12%	0.004%
164	7.656	7.652	7.659	VV	649	2349	0.04%	0.001%
165	7.694	7.659	7.722	VV	2408	41098	0.75%	0.023%
166	7.755	7.722	7.804	VV	1537	34527	0.63%	0.019%
167	7.821	7.804	7.850	VV	460	7952	0.15%	0.004%
168	7.873	7.850	7.904	VV	703	12407	0.23%	0.007%
169	7.926	7.904	7.967	VV	477	10074	0.18%	0.006%
170	7.986	7.967	8.018	VV	540	9221	0.17%	0.005%
171	8.036	8.018	8.052	PV	319	4501	0.08%	0.003%
172	8.063	8.052	8.081	VV	261	3212	0.06%	0.002%
173	8.128	8.081	8.205	VV	4788	94540	1.73%	0.053%
174	8.227	8.205	8.245	VV	1072	14562	0.27%	0.008%
175	8.287	8.245	8.313	VV	4199	90916	1.67%	0.051%
176	8.324	8.313	8.342	VV	2221	29954	0.55%	0.017%
177	8.357	8.342	8.364	VV	1968	20533	0.38%	0.011%
178	8.397	8.364	8.442	VV	9595	220098	4.03%	0.122%
179	8.458	8.442	8.468	VV	1394	18840	0.35%	0.010%
180	8.502	8.468	8.518	VV	23024	270094	4.95%	0.150%
181	8.530	8.518	8.548	VV	12454	146684	2.69%	0.082%
182	8.574	8.548	8.633	VV	196106	2175002	39.87%	1.209%
183	8.657	8.633	8.665	VV	9455	114170	2.09%	0.063%
184	8.689	8.665	8.759	VV	27084	548084	10.05%	0.305%
185	8.779	8.759	8.813	VV	9634	132965	2.44%	0.074%
186	8.824	8.813	8.844	VV	1578	24351	0.45%	0.014%
187	8.850	8.844	8.882	VV	856	15888	0.29%	0.009%
188	8.903	8.882	8.914	VV	611	10080	0.18%	0.006%
189	8.939	8.914	8.956	VV	1446	28427	0.52%	0.016%
190	8.985	8.956	9.015	VV	37539	439551	8.06%	0.244%
191	9.032	9.015	9.083	VV	6585	119198	2.19%	0.066%
192	9.105	9.083	9.136	VV	3718	71877	1.32%	0.040%
193	9.150	9.136	9.162	VV	1619	21702	0.40%	0.012%
194	9.180	9.162	9.201	VV	1926	36347	0.67%	0.020%

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							2. 00% 0. 061%	
195	9. 226	9. 201	9. 243	VV	8005	109350		
196	9. 261	9. 243	9. 287	VV	19788	248641		
197	9. 298	9. 287	9. 334	VV	3731	80498		
198	9. 351	9. 334	9. 376	VV	3651	61647		
199	9. 398	9. 376	9. 418	VV	9474	116840		
200	9. 438	9. 418	9. 480	VV	9583	145101		
201	9. 499	9. 480	9. 529	VV	2296	40960	0. 75%	0. 023%
202	9. 554	9. 529	9. 571	VV	10707	126681	2. 32%	0. 070%
203	9. 587	9. 571	9. 612	VV	6967	84097	1. 54%	0. 047%
204	9. 640	9. 612	9. 656	VV	4598	65911	1. 21%	0. 037%
205	9. 671	9. 656	9. 676	VV	4342	41018	0. 75%	0. 023%
206	9. 691	9. 676	9. 713	VV	8958	113650	2. 08%	0. 063%
207	9. 733	9. 713	9. 750	VV	5459	77069	1. 41%	0. 043%
208	9. 774	9. 750	9. 828	VV	50369	695750	12. 75%	0. 387%
209	9. 853	9. 828	9. 882	VV	9347	163008	2. 99%	0. 091%
210	9. 895	9. 882	9. 905	VV	5654	62055	1. 14%	0. 034%
211	9. 923	9. 905	9. 941	VV	13219	184751	3. 39%	0. 103%
212	9. 952	9. 941	9. 968	VV	6457	78899	1. 45%	0. 044%
213	9. 985	9. 968	10. 018	VV	8127	126849	2. 33%	0. 071%
214	10. 051	10. 018	10. 077	VV	74320	896448	16. 43%	0. 498%
215	10. 095	10. 077	10. 134	VV	13871	258840	4. 74%	0. 144%
216	10. 147	10. 134	10. 152	VV	3881	38110	0. 70%	0. 021%
217	10. 179	10. 152	10. 218	VV	196753	2342620	42. 94%	1. 302%
218	10. 222	10. 218	10. 245	VV	5493	65058	1. 19%	0. 036%
219	10. 260	10. 245	10. 278	VV	3511	55309	1. 01%	0. 031%
220	10. 289	10. 278	10. 335	VV	2575	56643	1. 04%	0. 031%
221	10. 356	10. 335	10. 387	VV	2681	52963	0. 97%	0. 029%
222	10. 393	10. 387	10. 424	VV	948	10020	0. 18%	0. 006%
223	10. 466	10. 424	10. 500	PV	1365	34990	0. 64%	0. 019%
224	10. 523	10. 500	10. 554	VV	13006	175543	3. 22%	0. 098%
225	10. 568	10. 554	10. 587	VV	2498	33167	0. 61%	0. 018%
226	10. 628	10. 587	10. 638	VV	6043	95031	1. 74%	0. 053%
227	10. 657	10. 638	10. 681	VV	18839	264049	4. 84%	0. 147%
228	10. 698	10. 681	10. 738	VV	13130	184400	3. 38%	0. 102%
229	10. 774	10. 738	10. 814	VV	13844	256391	4. 70%	0. 143%
230	10. 835	10. 814	10. 860	VV	6814	122428	2. 24%	0. 068%
231	10. 869	10. 860	10. 884	VV	3299	39841	0. 73%	0. 022%
232	10. 914	10. 884	10. 927	VV	5689	95643	1. 75%	0. 053%
233	10. 944	10. 927	10. 959	VV	10254	132242	2. 42%	0. 074%
234	10. 982	10. 959	11. 019	VV	18268	307423	5. 64%	0. 171%
235	11. 051	11. 019	11. 061	VV	2903	54095	0. 99%	0. 030%
236	11. 077	11. 061	11. 096	VV	5251	68146	1. 25%	0. 038%
237	11. 114	11. 096	11. 131	VV	2060	31699	0. 58%	0. 018%
238	11. 147	11. 131	11. 155	VV	3834	39332	0. 72%	0. 022%
239	11. 182	11. 155	11. 229	VV	270116	3091992	56. 68%	1. 719%
240	11. 255	11. 229	11. 324	VV	89765	1145013	20. 99%	0. 636%
241	11. 339	11. 324	11. 381	VV	2116	53174	0. 97%	0. 030%
242	11. 393	11. 381	11. 413	VV	1204	12425	0. 23%	0. 007%
243	11. 431	11. 413	11. 448	PV	755	9430	0. 17%	0. 005%
244	11. 475	11. 448	11. 509	VV	15931	238973	4. 38%	0. 133%
245	11. 527	11. 509	11. 533	VV	4061	41547	0. 76%	0. 023%
246	11. 540	11. 533	11. 557	VV	3967	44639	0. 82%	0. 025%

Instrument :
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Manual Integrations APPROVED
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rteres									
247	11.574	11.557	11.591	VV	5309	78716	1.44%	0.044%	
248	11.619	11.591	11.652	VV	195491	2305811	4.2%		
249	11.670	11.652	11.683	VV	4736	77663			
250	11.706	11.683	11.742	VV	16427	270838			
251	11.774	11.742	11.797	VV	7094	105018			
252	11.832	11.797	11.853	VV	8899	149904			
253	11.873	11.853	11.898	VV	4179	76126	1.40%	0.042%	
254	11.906	11.898	11.923	VV	1418	16998	0.31%	0.009%	
255	11.937	11.923	11.952	VV	1528	18968	0.35%	0.011%	
256	11.982	11.952	11.997	VV	45936	526097	9.64%	0.292%	
257	12.014	11.997	12.052	VV	53362	648567	11.89%	0.360%	
258	12.098	12.052	12.115	VV	61983	945625	17.33%	0.526%	
259	12.131	12.115	12.144	VV	32630	381983	7.00%	0.212%	
260	12.161	12.144	12.200	VV	43866	574634	10.53%	0.319%	
261	12.238	12.200	12.255	PV	2305	41825	0.77%	0.023%	
262	12.285	12.255	12.304	VV	4383	84898	1.56%	0.047%	
263	12.315	12.304	12.331	VV	2289	25738	0.47%	0.014%	
264	12.353	12.331	12.368	VV	9176	121062	2.22%	0.067%	
265	12.380	12.368	12.410	VV	6554	104452	1.91%	0.058%	
266	12.414	12.410	12.428	VV	1340	11452	0.21%	0.006%	
267	12.451	12.428	12.473	VV	22910	284960	5.22%	0.158%	
268	12.482	12.473	12.498	VV	5057	58583	1.07%	0.033%	
269	12.539	12.498	12.575	VV	43402	577788	10.59%	0.321%	
270	12.597	12.575	12.615	VV	4821	70331	1.29%	0.039%	
271	12.632	12.615	12.644	VV	3215	37375	0.69%	0.021%	
272	12.660	12.644	12.673	VV	3563	44667	0.82%	0.025%	
273	12.703	12.673	12.715	VV	6282	105553	1.93%	0.059%	
274	12.725	12.715	12.750	VV	6881	94066	1.72%	0.052%	
275	12.772	12.750	12.813	VV	14791	259045	4.75%	0.144%	
276	12.842	12.813	12.862	PV	15377	231854	4.25%	0.129%	
277	12.883	12.862	12.901	VV	40724	526879	9.66%	0.293%	
278	12.928	12.901	12.966	VV	196720	2637923	48.36%	1.466%	
279	13.006	12.966	13.052	VV	465111	5455142	100.00%	3.032%	
280	13.068	13.052	13.082	VV	2796	32227	0.59%	0.018%	
281	13.097	13.082	13.114	VV	3829	49280	0.90%	0.027%	
282	13.138	13.114	13.148	VV	14644	192013	3.52%	0.107%	
283	13.152	13.148	13.170	VV	13014	130410	2.39%	0.072%	
284	13.187	13.170	13.202	VV	19245	239734	4.39%	0.133%	
285	13.215	13.202	13.232	VV	10236	150982	2.77%	0.084%	
286	13.241	13.232	13.271	VV	7363	128063	2.35%	0.071%	
287	13.304	13.271	13.335	VV	395894	4607628	84.46%	2.561%	
288	13.355	13.335	13.370	VV	39004	456249	8.36%	0.254%	
289	13.386	13.370	13.421	VV	37120	547660	10.04%	0.304%	
290	13.428	13.421	13.443	VV	2870	36144	0.66%	0.020%	
291	13.471	13.443	13.490	VV	12624	177191	3.25%	0.098%	
292	13.504	13.490	13.523	VV	7290	94690	1.74%	0.053%	
293	13.537	13.523	13.549	VV	4497	50227	0.92%	0.028%	
294	13.568	13.549	13.608	VV	19712	319301	5.85%	0.177%	
295	13.628	13.608	13.671	VV	10569	210354	3.86%	0.117%	
296	13.695	13.671	13.711	VV	14383	185027	3.39%	0.103%	
297	13.718	13.711	13.734	VV	9512	107739	1.97%	0.060%	
298	13.758	13.734	13.784	VV	29976	477930	8.76%	0.266%	
299	13.793	13.784	13.830	VV	4629	66153	1.21%	0.037%	

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	rt	ret	rt	ret	Area	Area	%	%
300	13.888	13.830	13.930	VV	76957	1301251	23.85%	0.723%
301	13.952	13.930	13.969	VV	7324	111838		
302	13.995	13.969	14.017	VV	53649	714280		
303	14.036	14.017	14.058	VV	39766	502414		
304	14.074	14.058	14.094	VV	13032	192171		
305	14.124	14.094	14.149	VV	183873	2416823		
306	14.165	14.149	14.187	VV	39064	509479	9.34%	0.283%
307	14.206	14.187	14.250	VV	34111	473703	8.68%	0.263%
308	14.283	14.250	14.302	VV	5906	118131	2.17%	0.066%
309	14.325	14.302	14.342	VV	3749	70440	1.29%	0.039%
310	14.360	14.342	14.377	VV	3754	60842	1.12%	0.034%
311	14.393	14.377	14.407	VV	3100	41111	0.75%	0.023%
312	14.413	14.407	14.432	VV	1996	18967	0.35%	0.011%
313	14.473	14.432	14.497	PV	4275	83093	1.52%	0.046%
314	14.592	14.497	14.611	VV	16939	476628	8.74%	0.265%
315	14.628	14.611	14.658	VV	19430	315062	5.78%	0.175%
316	14.689	14.658	14.713	VV	15852	318914	5.85%	0.177%
317	14.726	14.713	14.775	VV	14497	291766	5.35%	0.162%
318	14.803	14.775	14.821	VV	32122	466666	8.55%	0.259%
319	14.828	14.821	14.841	VV	12356	132416	2.43%	0.074%
320	14.866	14.841	14.889	VV	56658	881515	16.16%	0.490%
321	14.910	14.889	14.919	VV	16443	241254	4.42%	0.134%
322	14.932	14.919	14.964	VV	21736	307086	5.63%	0.171%
323	14.987	14.964	14.995	VV	7134	87696	1.61%	0.049%
324	15.022	14.995	15.099	VV	94173	1576514	28.90%	0.876%
325	15.134	15.099	15.149	PV	13826	166750	3.06%	0.093%
326	15.180	15.149	15.200	VV	211805	2750143	50.41%	1.529%
327	15.223	15.200	15.255	VV	349254	4576921	83.90%	2.544%
328	15.268	15.255	15.294	VV	6119	92667	1.70%	0.052%
329	15.341	15.294	15.395	VV	61570	1063998	19.50%	0.591%
330	15.422	15.395	15.450	VV	13291	227607	4.17%	0.127%
331	15.484	15.450	15.505	VV	19180	281523	5.16%	0.156%
332	15.523	15.505	15.547	VV	15077	273105	5.01%	0.152%
333	15.553	15.547	15.590	VV	7832	137689	2.52%	0.077%
334	15.623	15.590	15.703	VV	38420	1049932	19.25%	0.584%
335	15.743	15.703	15.782	PV	11875	257290	4.72%	0.143%
336	15.806	15.782	15.828	VV	10869	204128	3.74%	0.113%
337	15.851	15.828	15.872	VV	52099	688138	12.61%	0.382%
338	15.889	15.872	15.920	VV	23041	350048	6.42%	0.195%
339	15.937	15.920	15.969	VV	16020	283933	5.20%	0.158%
340	16.012	15.969	16.050	VV	34721	932916	17.10%	0.519%
341	16.085	16.050	16.108	VV	14109	244690	4.49%	0.136%
342	16.131	16.108	16.147	VV	4536	74605	1.37%	0.041%
343	16.171	16.147	16.197	VV	9881	144125	2.64%	0.080%
344	16.246	16.197	16.275	VV	160919	2259967	41.43%	1.256%
345	16.285	16.275	16.331	VV	8107	145990	2.68%	0.081%
346	16.351	16.331	16.365	VV	3030	38732	0.71%	0.022%
347	16.381	16.365	16.402	VV	2405	27884	0.51%	0.015%
348	16.448	16.402	16.468	PV	7913	139609	2.56%	0.078%
349	16.485	16.468	16.502	VV	8473	107116	1.96%	0.060%
350	16.528	16.502	16.542	VV	12940	192287	3.52%	0.107%
351	16.548	16.542	16.574	VV	10240	141324	2.59%	0.079%

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	retention	retention	retention	retention	Area	Area	Area	Area
352	16.598	16.574	16.607	VV	5954	87901	1.61%	0.049%
353	16.648	16.607	16.674	VV	27728	647312	1.27%	0.192%
354	16.680	16.674	16.701	VV	10908	139946	0.20%	0.026%
355	16.743	16.701	16.761	VV	229464	3420467	6.20%	0.100%
356	16.769	16.761	16.797	VV	104482	1132092	2.00%	0.031%
357	16.811	16.797	16.839	VV	5940	106039	0.01%	0.001%
358	16.871	16.839	16.894	VV	49799	669151	1.27%	0.372%
359	16.905	16.894	16.921	VV	7957	101634	0.15%	0.056%
360	16.929	16.921	16.952	VV	4044	46788	0.08%	0.026%
361	16.991	16.952	17.005	VV	8320	121438	0.23%	0.067%
362	17.030	17.005	17.040	VV	31415	409251	7.50%	0.227%
363	17.065	17.040	17.092	VV	140506	1925414	35.30%	1.070%
364	17.125	17.092	17.161	VV	200904	2634266	48.29%	1.464%
365	17.195	17.161	17.213	VV	152330	2167852	39.74%	1.205%
366	17.222	17.213	17.250	VV	67330	778135	14.26%	0.432%
367	17.271	17.250	17.295	VV	20098	301153	5.52%	0.167%
368	17.300	17.295	17.304	VV	2927	14141	0.26%	0.008%
369	17.363	17.304	17.367	VV	14769	312112	5.72%	0.173%
370	17.371	17.367	17.405	VV	14261	196621	3.60%	0.109%
371	17.424	17.405	17.441	VV	7770	113727	2.08%	0.063%
372	17.482	17.441	17.554	VV	26281	929627	17.04%	0.517%
373	17.584	17.554	17.603	VV	18475	334055	6.12%	0.186%
374	17.642	17.603	17.677	VV	33155	749516	13.74%	0.417%
375	17.706	17.677	17.720	VV	11419	185960	3.41%	0.103%
376	17.731	17.720	17.752	VV	9774	132795	2.43%	0.074%
377	17.778	17.752	17.804	VV	24029	389165	7.13%	0.216%
378	17.819	17.804	17.861	VV	8350	161046	2.95%	0.090%
379	17.897	17.861	17.945	VV	7676	195671	3.59%	0.109%
380	17.965	17.945	17.975	PV	2959	32245	0.59%	0.018%
381	17.995	17.975	18.006	VV	3212	47799	0.88%	0.027%
382	18.082	18.006	18.139	VV	157582	2555926	46.85%	1.421%
383	18.170	18.139	18.190	VV	14228	288502	5.29%	0.160%
384	18.208	18.190	18.221	VV	14436	226344	4.15%	0.126%
385	18.235	18.221	18.248	VV	12806	184289	3.38%	0.102%
386	18.269	18.248	18.312	VV	17526	510289	9.35%	0.284%
387	18.318	18.312	18.332	VV	9420	108938	2.00%	0.061%
388	18.337	18.332	18.350	VV	8516	85216	1.56%	0.047%
389	18.357	18.350	18.373	VV	7150	82728	1.52%	0.046%
390	18.401	18.373	18.439	VV	47065	878276	16.10%	0.488%
391	18.499	18.439	18.524	VV	163093	3169238	58.10%	1.761%
392	18.531	18.524	18.557	VV	30750	480694	8.81%	0.267%
393	18.576	18.557	18.592	VV	22394	361856	6.63%	0.201%
394	18.625	18.592	18.642	VV	42556	813091	14.91%	0.452%
395	18.657	18.642	18.719	VV	39217	1015189	18.61%	0.564%
396	18.754	18.719	18.783	VV	145667	2058026	37.73%	1.144%
397	18.796	18.783	18.807	VV	12490	168104	3.08%	0.093%
398	18.832	18.807	18.850	VV	23114	477602	8.76%	0.265%
399	18.887	18.850	18.891	VV	65617	910062	16.68%	0.506%
400	18.913	18.891	18.957	VV	156587	2658186	48.73%	1.477%
401	18.980	18.957	18.995	VV	15782	302902	5.55%	0.168%
402	19.015	18.995	19.038	VV	25743	515185	9.44%	0.286%
403	19.069	19.038	19.134	VV	22715	956865	17.54%	0.532%
404	19.137	19.134	19.146	VV	13365	97264	1.78%	0.054%

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Instrument :

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Manual IntegrationsAPPROVED

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	retention	retention	retention	Wt	Area	Area	%	%
405	19.183	19.146	19.217	VV	26549	826262	15.15%	0.459%
406	19.230	19.217	19.243	VV	18990	275959		
407	19.305	19.243	19.344	VV	50186	2189482		
408	19.354	19.344	19.378	VV	30104	527567		
409	19.382	19.378	19.388	VV	18712	115740		
410	19.449	19.388	19.486	VV	38726	1602765		
411	19.514	19.486	19.532	VV	19665	503643	9.23%	0.280%
412	19.587	19.532	19.650	VV	28217	1605424	29.43%	0.892%
413	19.698	19.650	19.749	VV	160988	3321271	60.88%	1.846%
414	19.768	19.749	19.787	VV	32561	622949	11.42%	0.346%
415	19.804	19.787	19.817	VV	28780	468564	8.59%	0.260%
416	19.833	19.817	19.872	VV	30855	956697	17.54%	0.532%
417	19.911	19.872	19.943	VV	71603	1900119	34.83%	1.056%
418	19.979	19.943	20.012	VV	80547	2149979	39.41%	1.195%
419	20.065	20.012	20.101	VV	64711	2436739	44.67%	1.354%
420	20.107	20.101	20.146	VV	36071	876442	16.07%	0.487%
421	20.168	20.146	20.171	VV	32606	455628	8.35%	0.253%
422	20.196	20.171	20.217	VV	40187	945355	17.33%	0.525%
423	20.255	20.217	20.260	VV	37118	878539	16.10%	0.488%
424	20.291	20.260	20.329	VV	104514	2656187	48.69%	1.476%
425	20.358	20.329	20.375	VV	61136	1399412	25.65%	0.778%
426	20.387	20.375	20.409	VV	49672	940900	17.25%	0.523%
427	20.437	20.409	20.469	VV	190418	3672879	67.33%	2.041%
428	20.478	20.469	20.489	VV	41521	486976	8.93%	0.271%
429	20.506	20.489	20.510	VV	45291	533728	9.78%	0.297%
430	20.514	20.510	20.537	VV	45143	712899	13.07%	0.396%
431	20.544	20.537	20.550	VV	44108	345892	6.34%	0.192%
432	20.555	20.550	20.560	VV	43887	251432	4.61%	0.140%
433	20.566	20.560	20.580	VV	44539	535030	9.81%	0.297%
434	20.605	20.580	20.626	VV	52367	1270482	23.29%	0.706%
435	20.631	20.626	20.634	VV	43207	209063	3.83%	0.116%
436	20.650	20.634	20.670	VV	43308	927493	17.00%	0.515%
437	20.715	20.670	20.728	VV	45507	1483919	27.20%	0.825%
438	20.757	20.728	20.767	VV	46638	1032080	18.92%	0.574%
439	20.784	20.767	20.829	VV	46371	1622496	29.74%	0.902%
440	20.838	20.829	20.882	VV	39364	1205727	22.10%	0.670%
441	20.886	20.882	20.902	VV	35359	411002	7.53%	0.228%
442	20.907	20.902	20.912	VV	34637	203986	3.74%	0.113%
443	20.955	20.912	20.975	VV	40143	1426834	26.16%	0.793%
444	20.990	20.975	21.002	VV	38574	623644	11.43%	0.347%
445	21.007	21.002	21.027	VV	36769	530933	9.73%	0.295%
446	21.033	21.027	21.070	VV	35246	867979	15.91%	0.482%
447	21.084	21.070	21.094	VV	31986	444710	8.15%	0.247%
448	21.097	21.094	21.102	VV	32051	161775	2.97%	0.090%
449	21.106	21.102	21.135	VV	31246	584117	10.71%	0.325%
450	21.174	21.135	21.220	VV	160280	3608763	66.15%	2.006%
451	21.227	21.220	21.244	VV	24149	321170	5.89%	0.179%
452	21.320	21.244	21.383	VV	29987	2073110	38.00%	1.152%
453	21.411	21.383	21.451	VV	22781	837412	15.35%	0.465%
454	21.518	21.451	21.557	VV	23181	1257935	23.06%	0.699%
455	21.607	21.557	21.637	VV	27495	1027805	18.84%	0.571%
456	21.643	21.637	21.648	VV	14841	92614	1.70%	0.051%

	rt	ret	rt	rt	Area	Area	Area	Area
457	21.709	21.648	21.759	VV	29319	1453690	26.65%	0.808%
458	21.784	21.759	21.829	VV	17164	553796	10.39%	0.164%
459	21.836	21.829	21.849	VV	9273	104911	1.61%	0.016%
460	21.855	21.849	21.857	VV	7560	33237	1.22%	0.012%
461	21.880	21.857	21.900	VV	9143	197631	1.51%	0.015%
462	21.925	21.900	21.971	VV	10536	290608	1.71%	0.017%
463	21.978	21.971	21.982	VV	3566	21392	0.39%	0.012%
464	22.018	21.982	22.037	VV	12578	294362	5.40%	0.164%
465	22.087	22.037	22.135	VV	107589	2614900	47.93%	1.453%
466	22.152	22.135	22.180	VV	3673	48769	0.89%	0.027%
Sum of corrected areas:						179921000		

Instrument :
 FID_F
 ClientSampleId :
 RS-FMSD

Manual Integrations APPROVED
 Reviewed By :Yogesh Patel 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023