

rters

Instrument :

FID_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2021

Supervised By :mohammad ahmed 12/22/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122121
Data File : FF009497.D
Signal(s) : FID2B.ch
Acq On : 21 Dec 2021 17:34
Sample : M5181-01
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.127	2.100	2.166	BH	17770	42118	0.04%	0.000%
2	2.189	2.166	2.225	PH	22062	96923	0.08%	0.001%
3	2.257	2.225	2.277	PH	7870	-1925	-0.00%	-0.000%
4	2.292	2.277	2.298	PH	-2397	-33780	-0.03%	-0.000%
5	2.312	2.298	2.325	PH	5898	16475	0.01%	0.000%
6	2.337	2.325	2.361	PH	7425	24156	0.02%	0.000%
7	2.372	2.361	2.390	PH	-419	-30453	-0.03%	-0.000%
8	2.412	2.390	2.442	PH	18891	209167	0.18%	0.002%
9	2.457	2.442	2.462	PH	28090	182652	0.16%	0.002%
10	2.474	2.462	2.495	HH	93941	799692	0.69%	0.008%
11	2.507	2.495	2.518	HH	36555	264177	0.23%	0.003%
12	2.536	2.518	2.553	HH	86395	929517	0.80%	0.009%
13	2.571	2.553	2.605	HH	33294	486656	0.42%	0.005%
14	2.643	2.605	2.646	PH	55998	521010	0.45%	0.005%
15	2.655	2.646	2.680	HH	69840	636786	0.55%	0.006%
16	2.694	2.680	2.714	HH	10120	74169	0.06%	0.001%
17	2.740	2.714	2.752	PH	19318	157343	0.14%	0.002%
18	2.767	2.752	2.777	HH	23967	219263	0.19%	0.002%
19	2.786	2.777	2.791	HH	18713	132544	0.11%	0.001%
20	2.795	2.791	2.818	HH	18511	128202	0.11%	0.001%
21	2.852	2.818	2.868	PH	33515	313733	0.27%	0.003%
22	2.882	2.868	2.891	HH	30277	249664	0.21%	0.002%
23	2.899	2.891	2.909	HH	23967	193593	0.17%	0.002%
24	2.926	2.909	2.932	HH	34960	337529	0.29%	0.003%
25	2.944	2.932	2.973	HH	69769	897919	0.77%	0.009%
26	2.985	2.973	2.991	HH	17605	145836	0.13%	0.001%
27	3.005	2.991	3.023	HH	101298	1033396	0.89%	0.010%
28	3.036	3.023	3.063	HH	64389	904479	0.78%	0.009%
29	3.070	3.063	3.080	HH	15872	131705	0.11%	0.001%
30	3.094	3.080	3.115	HH	13907	173599	0.15%	0.002%
31	3.135	3.115	3.150	PH	55998	506753	0.43%	0.005%
32	3.163	3.150	3.172	HH	37145	352881	0.30%	0.003%
33	3.187	3.172	3.197	HH	120911	1156382	0.99%	0.011%
34	3.211	3.197	3.225	HH	307644	3009193	2.58%	0.030%
35	3.232	3.225	3.273	HH	88616	967002	0.83%	0.009%
36	3.290	3.273	3.300	PH	22190	203711	0.17%	0.002%

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37	3.316	3.300	3.327	HH	193606	1845563	1.58%	0.018%
38	3.339	3.327	3.357	HH	228522	2320776		
39	3.374	3.357	3.394	HH	188162	2636303		
40	3.398	3.394	3.418	HH	96112	991668		
41	3.431	3.418	3.444	HH	110280	1051821		
42	3.463	3.444	3.492	HH	265037	3727341		
43	3.524	3.492	3.542	HH	275155	4209018	3.61%	0.041%
44	3.569	3.542	3.609	HH	833319	13651406	11.72%	0.134%
45	3.640	3.609	3.671	HH	634246	10706354	9.19%	0.105%
46	3.686	3.671	3.717	HH	265313	3815160	3.27%	0.037%
47	3.730	3.717	3.748	HH	157716	1626747	1.40%	0.016%
48	3.780	3.748	3.797	HH	271531	4655725	4.00%	0.046%
49	3.806	3.797	3.827	HH	262885	2993431	2.57%	0.029%
50	3.846	3.827	3.870	HH	219089	3285496	2.82%	0.032%
51	3.886	3.870	3.907	HH	290112	4934427	4.24%	0.048%
52	3.922	3.907	3.941	HH	416302	6497943	5.58%	0.064%
53	3.954	3.941	3.976	HH	404538	5386208	4.62%	0.053%
54	3.997	3.976	4.006	HH	230475	2944438	2.53%	0.029%
55	4.020	4.006	4.046	HH	260392	5233910	4.49%	0.051%
56	4.064	4.046	4.082	HH	399784	5952796	5.11%	0.058%
57	4.103	4.082	4.136	HH	429893	7507432	6.44%	0.074%
58	4.174	4.136	4.194	HH	654219	9360482	8.03%	0.092%
59	4.213	4.194	4.219	HH	368665	4314984	3.70%	0.042%
60	4.227	4.219	4.237	HH	377549	3675614	3.15%	0.036%
61	4.249	4.237	4.285	HH	438367	9050375	7.77%	0.089%
62	4.297	4.285	4.311	HH	297744	3715838	3.19%	0.036%
63	4.329	4.311	4.374	HH	575400	10169640	8.73%	0.100%
64	4.424	4.374	4.440	HH	561845	12639478	10.85%	0.124%
65	4.460	4.440	4.504	HH	1000300	24048385	20.64%	0.236%
66	4.520	4.504	4.537	HH	870727	11336060	9.73%	0.111%
67	4.542	4.537	4.553	HH	390922	3605052	3.09%	0.035%
68	4.575	4.553	4.587	HH	822165	12773013	10.96%	0.125%
69	4.592	4.587	4.609	HH	658586	6863921	5.89%	0.067%
70	4.639	4.609	4.654	HH	904392	16423551	14.10%	0.161%
71	4.681	4.654	4.702	HH	1122312	23316938	20.01%	0.229%
72	4.735	4.702	4.764	HH	1579101	28742095	24.67%	0.282%
73	4.784	4.764	4.809	HH	637517	13342458	11.45%	0.131%
74	4.822	4.809	4.840	HH	580742	8266598	7.10%	0.081%
75	4.887	4.840	4.930	HH	820424	25136337	21.58%	0.247%
76	4.953	4.930	4.963	HH	672413	9926821	8.52%	0.097%
77	4.978	4.963	4.991	HH	1137318	14318057	12.29%	0.140%
78	5.001	4.991	5.043	HH	855901	22553996	19.36%	0.221%
79	5.062	5.043	5.085	HH	707094	14812471	12.71%	0.145%
80	5.104	5.085	5.117	HH	741494	12732609	10.93%	0.125%
81	5.121	5.117	5.132	HH	687135	6228089	5.35%	0.061%
82	5.160	5.132	5.173	HH	822862	17490633	15.01%	0.172%
83	5.189	5.173	5.206	HH	1171155	19015417	16.32%	0.187%
84	5.222	5.206	5.247	HH	1171203	23684027	20.33%	0.232%
85	5.252	5.247	5.264	HH	755278	7438133	6.38%	0.073%
86	5.280	5.264	5.295	HH	827082	13245631	11.37%	0.130%
87	5.329	5.295	5.349	HH	2405683	44901092	38.54%	0.440%
88	5.377	5.349	5.410	HH	1125956	31834785	27.32%	0.312%
89	5.426	5.410	5.441	HH	946199	14875406	12.77%	0.146%

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90	5.455	5.441	5.462	HH	882456	10156104	8.72%	0.100%
91	5.490	5.462	5.511	HH	3158707	51435092	44.07%	0.504%
92	5.533	5.511	5.545	HH	1058927	20355973	17.08%	0.195%
93	5.558	5.545	5.574	HH	1182231	17392996	14.49%	0.211%
94	5.595	5.574	5.613	HH	1774179	31111087	26.28%	0.266%
95	5.619	5.613	5.640	HH	1190205	15312428	13.94%	0.399%
96	5.660	5.640	5.686	HH	1313931	28341119	24.33%	0.278%
97	5.702	5.686	5.708	HH	1339311	15159318	13.01%	0.149%
98	5.718	5.708	5.740	HH	1485540	21542213	18.49%	0.211%
99	5.766	5.740	5.782	HH	1695450	27127501	23.28%	0.266%
100	5.813	5.782	5.833	HH	1991953	40712626	34.94%	0.399%
101	5.844	5.833	5.855	HH	1179096	14926180	12.81%	0.146%
102	5.866	5.855	5.876	HH	1112671	13290546	11.41%	0.130%
103	5.905	5.876	5.922	HH	1410541	32918592	28.25%	0.323%
104	5.956	5.922	5.972	HH	1570991	37531844	32.21%	0.368%
105	5.992	5.972	6.013	HH	1759794	32596458	27.98%	0.320%
106	6.045	6.013	6.074	HH	1819429	51338263	44.07%	0.504%
107	6.095	6.074	6.116	HH	2080490	41049398	35.23%	0.403%
108	6.128	6.116	6.152	HH	1432189	29796213	25.57%	0.292%
109	6.178	6.152	6.199	HH	2296603	50025467	42.94%	0.491%
110	6.222	6.199	6.238	HH	2209711	43902361	37.68%	0.431%
111	6.250	6.238	6.293	HH	1819280	49467135	42.46%	0.485%
112	6.313	6.293	6.323	HH	1738232	26572901	22.81%	0.261%
113	6.329	6.323	6.345	HH	1644603	19903556	17.08%	0.195%
114	6.380	6.345	6.406	HH	1807493	55131309	47.32%	0.541%
115	6.421	6.406	6.431	HH	1855184	25037728	21.49%	0.246%
116	6.456	6.431	6.471	HH	4142633	66822417	57.36%	0.656%
117	6.486	6.471	6.506	HH	3227284	49564725	42.54%	0.486%
118	6.521	6.506	6.533	HH	1798684	25150621	21.59%	0.247%
119	6.576	6.533	6.594	HH	2009968	65664433	56.36%	0.644%
120	6.620	6.594	6.664	HH	2558493	79316610	68.08%	0.778%
121	6.683	6.664	6.728	HH	2121366	62091517	53.29%	0.609%
122	6.754	6.728	6.775	HH	2144175	50338242	43.21%	0.494%
123	6.798	6.775	6.807	HH	2166015	37429504	32.13%	0.367%
124	6.821	6.807	6.837	HH	2414399	37731598	32.39%	0.370%
125	6.856	6.837	6.886	HH	2401704	57224129	49.12%	0.561%
126	6.908	6.886	6.927	HH	2292846	47876121	41.09%	0.470%
127	6.937	6.927	6.978	HH	1879924	49164555	42.20%	0.482%
128	7.015	6.978	7.043	HH	5671934	116505453	100.00%	1.143%
129	7.061	7.043	7.082	HH	2273861	46307377	39.75%	0.454%
130	7.104	7.082	7.123	HH	2668445	50520057	43.36%	0.496%
131	7.135	7.123	7.156	HH	1852807	35018220	30.06%	0.344%
132	7.194	7.156	7.217	HH	2545888	76816137	65.93%	0.754%
133	7.227	7.217	7.248	HH	1934646	32969935	28.30%	0.323%
134	7.265	7.248	7.283	HH	2177917	42708896	36.66%	0.419%
135	7.292	7.283	7.299	HH	1939603	17921027	15.38%	0.176%
136	7.312	7.299	7.333	HH	2102591	39377071	33.80%	0.386%
137	7.354	7.333	7.371	HH	2072546	44858401	38.50%	0.440%
138	7.399	7.371	7.425	HH	3533435	81008995	69.53%	0.795%
139	7.440	7.425	7.463	HH	2088173	40401592	34.68%	0.396%
140	7.484	7.463	7.496	HH	1909317	32241400	27.67%	0.316%
141	7.511	7.496	7.523	HH	2100300	31630303	27.15%	0.310%

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142	7.551	7.523	7.576	HH	2302299	66432670	57.02%	0.652%	
143	7.586	7.576	7.617	HH	1801821	41346645	35.02%	0.652%	
144	7.649	7.617	7.667	HH	2262370	53645359	46.02%	0.652%	
145	7.685	7.667	7.711	HH	1903743	45964292	39.02%	0.652%	
146	7.732	7.711	7.750	HH	1719750	38506459	33.02%	0.652%	
147	7.788	7.750	7.807	HH	2118428	63933081	54.02%	0.652%	
148	7.828	7.807	7.869	HH	2674959	73663254	63.23%	0.723%	
149	7.889	7.869	7.895	HH	1827984	26430279	22.69%	0.259%	
150	7.925	7.895	7.944	HH	4854275	87069617	74.73%	0.854%	
151	7.964	7.944	7.987	HH	2337956	49915529	42.84%	0.490%	
152	8.005	7.987	8.022	HH	1920711	36246569	31.11%	0.356%	
153	8.038	8.022	8.046	HH	1798808	25344862	21.75%	0.249%	
154	8.069	8.046	8.086	HH	1988070	44463921	38.16%	0.436%	
155	8.090	8.086	8.107	HH	1808512	22328252	19.16%	0.219%	
156	8.141	8.107	8.157	HH	2306301	57684929	49.51%	0.566%	
157	8.164	8.157	8.174	HH	1710373	16923974	14.53%	0.166%	
158	8.187	8.174	8.200	HH	1940226	28303796	24.29%	0.278%	
159	8.208	8.200	8.223	HH	1777281	23033764	19.77%	0.226%	
160	8.253	8.223	8.293	HH	2870163	89173767	76.54%	0.875%	
161	8.306	8.293	8.322	HH	1941481	31395249	26.95%	0.308%	
162	8.335	8.322	8.348	HH	1847905	27245841	23.39%	0.267%	
163	8.374	8.348	8.402	HH	1809577	53315797	45.76%	0.523%	
164	8.418	8.402	8.426	HH	1467851	19795388	16.99%	0.194%	
165	8.447	8.426	8.459	HH	1893570	33076059	28.39%	0.324%	
166	8.476	8.459	8.492	HH	1952331	35273138	30.28%	0.346%	
167	8.505	8.492	8.520	HH	1572880	25136470	21.58%	0.247%	
168	8.544	8.520	8.567	HH	2627865	53037542	45.52%	0.520%	
169	8.634	8.567	8.653	HH	3878997	114268223	98.08%	1.121%	
170	8.662	8.653	8.681	HH	1503405	23875001	20.49%	0.234%	
171	8.700	8.681	8.719	HH	1781804	35201124	30.21%	0.345%	
172	8.736	8.719	8.752	HH	1629916	31094711	26.69%	0.305%	
173	8.767	8.752	8.786	HH	1767470	31819537	27.31%	0.312%	
174	8.803	8.786	8.813	HH	1457614	23032172	19.77%	0.226%	
175	8.847	8.813	8.864	HH	1598002	46966557	40.31%	0.461%	
176	8.874	8.864	8.881	HH	1501919	15183242	13.03%	0.149%	
177	8.892	8.881	8.907	HH	1493824	21886546	18.79%	0.215%	
178	8.940	8.907	8.959	HH	1604674	44756581	38.42%	0.439%	
179	8.987	8.959	9.015	HH	1574391	45127204	38.73%	0.443%	
180	9.034	9.015	9.039	HH	1326863	17602821	15.11%	0.173%	
181	9.053	9.039	9.070	HH	1442560	25094912	21.54%	0.246%	
182	9.084	9.070	9.088	HH	1160868	11978221	10.28%	0.118%	
183	9.106	9.088	9.116	HH	1306384	21208497	18.20%	0.208%	
184	9.132	9.116	9.153	HH	1329027	28179838	24.19%	0.276%	
185	9.187	9.153	9.195	HH	1448616	32074236	27.53%	0.315%	
186	9.204	9.195	9.222	HH	1449787	21796216	18.71%	0.214%	
187	9.230	9.222	9.244	HH	1221857	15933117	13.68%	0.156%	
188	9.269	9.244	9.276	HH	1464278	25668773	22.03%	0.252%	
189	9.293	9.276	9.319	HH	1872331	37215391	31.94%	0.365%	
190	9.348	9.319	9.384	HH	1705642	53352628	45.79%	0.523%	
191	9.388	9.384	9.399	HH	1175954	9958295	8.55%	0.098%	
192	9.435	9.399	9.479	HH	1378952	57158622	49.06%	0.561%	
193	9.508	9.479	9.537	HH	1150401	38311460	32.88%	0.376%	
194	9.553	9.537	9.565	HH	1073717	17270384	14.82%	0.169%	

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247	11.576	11.565	11.592	HH	1547425	24729082	21.23% 0.243%
248	11.614	11.592	11.654	HH	1582845	55527072	47.18% 0.243%
249	11.665	11.654	11.678	HH	1514899	21619352	18.18% 0.243%
250	11.692	11.678	11.707	HH	1485623	26048421	22.18% 0.243%
251	11.730	11.707	11.743	HH	1571296	32035455	27.07% 0.326%
252	11.766	11.743	11.792	HH	1706020	46504634	39.10% 0.316%
253	11.808	11.792	11.831	HH	1461297	33193598	28.49% 0.326%
254	11.840	11.831	11.845	HH	1397945	11856702	10.18% 0.116%
255	11.872	11.845	11.925	HH	1608167	71786135	61.62% 0.704%
256	11.932	11.925	11.963	HH	1448695	31537510	27.07% 0.309%
257	11.985	11.963	11.993	HH	1461247	25213944	21.64% 0.247%
258	12.004	11.993	12.025	HH	1463153	27656962	23.74% 0.271%
259	12.046	12.025	12.061	HH	1511689	31616096	27.14% 0.310%
260	12.084	12.061	12.104	HH	1470925	36978386	31.74% 0.363%
261	12.110	12.104	12.120	HH	1447932	14064701	12.07% 0.138%
262	12.141	12.120	12.155	HH	1518309	30513753	26.19% 0.299%
263	12.176	12.155	12.197	HH	1511903	35947738	30.85% 0.353%
264	12.204	12.197	12.235	HH	1392482	31060851	26.66% 0.305%
265	12.268	12.235	12.302	HH	1458405	54754297	47.00% 0.537%
266	12.347	12.302	12.363	HH	1418675	49157537	42.19% 0.482%
267	12.370	12.363	12.402	HH	1368789	31564395	27.09% 0.310%
268	12.426	12.402	12.452	HH	1333091	38817701	33.32% 0.381%
269	12.462	12.452	12.478	HH	1282147	19788984	16.99% 0.194%
270	12.502	12.478	12.553	HH	1441247	60077215	51.57% 0.589%
271	12.569	12.553	12.592	HH	1256734	28770546	24.69% 0.282%
272	12.603	12.592	12.637	HH	1225069	32252156	27.68% 0.316%
273	12.647	12.637	12.657	HH	1201038	14456282	12.41% 0.142%
274	12.679	12.657	12.709	HH	1256079	36869574	31.65% 0.362%
275	12.749	12.709	12.764	HH	1182157	38708359	33.22% 0.380%
276	12.779	12.764	12.795	HH	1181549	22010820	18.89% 0.216%
277	12.811	12.795	12.825	HH	1211248	20655330	17.73% 0.203%
278	12.846	12.825	12.860	HH	1174115	24866661	21.34% 0.244%
279	12.869	12.860	12.892	HH	1166911	21199176	18.20% 0.208%
280	12.912	12.892	12.952	HH	1232872	42214044	36.23% 0.414%
281	12.960	12.952	13.014	HH	1154792	41346777	35.49% 0.406%
282	13.030	13.014	13.043	HH	1111087	19344117	16.60% 0.190%
283	13.068	13.043	13.074	HH	1174693	20730724	17.79% 0.203%
284	13.077	13.074	13.102	HH	1159539	18361979	15.76% 0.180%
285	13.107	13.102	13.137	HH	1103984	22983444	19.73% 0.225%
286	13.142	13.137	13.150	HH	1050010	8299149	7.12% 0.081%
287	13.173	13.150	13.183	HH	1085969	20901852	17.94% 0.205%
288	13.194	13.183	13.221	HH	1084328	23851111	20.47% 0.234%
289	13.243	13.221	13.272	HH	1169619	33440396	28.70% 0.328%
290	13.283	13.272	13.290	HH	1068773	11678605	10.02% 0.115%
291	13.296	13.290	13.301	HH	1059012	6558188	5.63% 0.064%
292	13.304	13.301	13.312	HH	1054412	7084864	6.08% 0.070%
293	13.317	13.312	13.321	HH	1035728	5783343	4.96% 0.057%
294	13.330	13.321	13.339	HH	1056334	10859563	9.32% 0.107%
295	13.348	13.339	13.373	HH	1046133	21014408	18.04% 0.206%
296	13.385	13.373	13.400	HH	1008503	16262711	13.96% 0.160%
297	13.413	13.400	13.422	HH	1000489	12917230	11.09% 0.127%
298	13.434	13.422	13.450	HH	1003146	16903034	14.51% 0.166%
299	13.465	13.450	13.485	HH	1030324	21065113	18.08% 0.207%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2021
Supervised By :mohammad ahmed 12/22/2021

Instrument :

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ClientSampleId :

DB-4-(7.5-8)-12-8-21

Manual IntegrationsAPPROVED

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rteres									
300	13.517	13.485	13.537	HH	1025104	30702726	26.35%	0.301%	
301	13.543	13.537	13.575	HH	977044	21574255	18.69%	0.396%	
302	13.582	13.575	13.589	HH	943389	7807542	6.00%	0.122%	
303	13.600	13.589	13.626	HH	974639	21163660	18.69%	0.386%	
304	13.633	13.626	13.667	HH	964401	23414936	20.68%	0.388%	
305	13.677	13.667	13.705	HH	940638	21213004	18.69%	0.403%	
306	13.718	13.705	13.726	HH	918022	11418102	9.80%	0.112%	
307	13.752	13.726	13.800	HH	947851	40419120	34.69%	0.396%	
308	13.839	13.800	13.872	HH	956135	39313155	33.74%	0.386%	
309	13.894	13.872	13.947	HH	906337	39584138	33.98%	0.388%	
310	13.983	13.947	14.027	HH	886049	41114089	35.29%	0.403%	
311	14.069	14.027	14.089	HH	841565	30688045	26.34%	0.301%	
312	14.109	14.089	14.145	HH	851636	28113091	24.13%	0.276%	
313	14.177	14.145	14.200	HH	810231	26239127	22.52%	0.257%	
314	14.225	14.200	14.235	HH	815489	16835573	14.45%	0.165%	
315	14.246	14.235	14.264	HH	810637	13646244	11.71%	0.134%	
316	14.298	14.264	14.332	HH	850979	33464122	28.72%	0.328%	
317	14.341	14.332	14.359	HH	783400	12473590	10.71%	0.122%	
318	14.374	14.359	14.391	HH	764243	14405302	12.36%	0.141%	
319	14.411	14.391	14.445	HH	794797	25094566	21.54%	0.246%	
320	14.456	14.445	14.474	HH	766134	12756546	10.95%	0.125%	
321	14.498	14.474	14.527	HH	880266	24879349	21.35%	0.244%	
322	14.537	14.527	14.564	HH	722406	15839747	13.60%	0.155%	
323	14.597	14.564	14.666	HH	723631	42770484	36.71%	0.420%	
324	14.686	14.666	14.697	HH	703733	12764386	10.96%	0.125%	
325	14.728	14.697	14.747	HH	698764	20656004	17.73%	0.203%	
326	14.756	14.747	14.780	HH	690193	13346541	11.46%	0.131%	
327	14.793	14.780	14.812	HH	675933	12914951	11.09%	0.127%	
328	14.833	14.812	14.880	HH	721798	27513757	23.62%	0.270%	
329	14.897	14.880	14.909	HH	647800	11141877	9.56%	0.109%	
330	14.952	14.909	15.017	HH	660173	41097799	35.28%	0.403%	
331	15.030	15.017	15.049	HH	617765	11783706	10.11%	0.116%	
332	15.061	15.049	15.094	HH	616660	16355336	14.04%	0.160%	
333	15.113	15.094	15.179	HH	650614	31624612	27.14%	0.310%	
334	15.237	15.179	15.265	HH	657403	31860927	27.35%	0.313%	
335	15.271	15.265	15.293	HH	608499	10009513	8.59%	0.098%	
336	15.311	15.293	15.332	HH	621836	13786501	11.83%	0.135%	
337	15.348	15.332	15.395	HH	595996	21224577	18.22%	0.208%	
338	15.438	15.395	15.455	HH	581590	20628006	17.71%	0.202%	
339	15.477	15.455	15.502	HH	581207	15848069	13.60%	0.155%	
340	15.532	15.502	15.584	HH	603968	27859508	23.91%	0.273%	
341	15.602	15.584	15.617	HH	548797	10853473	9.32%	0.106%	
342	15.624	15.617	15.657	HH	540203	12819525	11.00%	0.126%	
343	15.672	15.657	15.695	HH	548332	12114592	10.40%	0.119%	
344	15.750	15.695	15.794	HH	555081	31968601	27.44%	0.314%	
345	15.800	15.794	15.829	HH	526805	10912436	9.37%	0.107%	
346	15.848	15.829	15.875	HH	520483	14495705	12.44%	0.142%	
347	15.911	15.875	15.940	HH	588442	21479673	18.44%	0.211%	
348	15.955	15.940	15.970	HH	536778	9295258	7.98%	0.091%	
349	16.031	15.970	16.063	HH	576608	31078364	26.68%	0.305%	
350	16.072	16.063	16.134	HH	553882	22509926	19.32%	0.221%	
351	16.146	16.134	16.185	HH	529348	15845357	13.60%	0.155%	

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352	16.198	16.185	16.221	HH	522622	10977809	9.42%	0.108%
353	16.234	16.221	16.261	HH	515117	12175586	10.18%	0.108%
354	16.285	16.261	16.301	HH	515547	12371573	10.18%	0.108%
355	16.320	16.301	16.332	HH	520909	9403432	8.18%	0.108%
356	16.351	16.332	16.365	HH	527368	10530045	9.42%	0.108%
357	16.413	16.365	16.449	HH	550873	26937695	23.03%	0.135%
358	16.458	16.449	16.493	HH	529344	13739662	11.79%	0.135%
359	16.519	16.493	16.561	HH	558563	21274445	18.26%	0.209%
360	16.591	16.561	16.610	HH	525542	15182038	13.03%	0.149%
361	16.618	16.610	16.623	HH	510009	3918960	3.36%	0.038%
362	16.648	16.623	16.655	HH	531884	9997521	8.58%	0.098%
363	16.681	16.655	16.730	HH	570799	23960799	20.57%	0.235%
364	17.760	16.730	16.807	HH	530700	24038216	20.63%	0.236%
365	16.897	16.807	16.952	HH	603639	46850251	40.21%	0.460%
366	16.974	16.952	16.997	HH	569716	14597226	12.53%	0.143%
367	17.005	16.997	17.025	HH	551339	9192543	7.89%	0.090%
368	17.044	17.025	17.054	HH	547379	9161098	7.86%	0.090%
369	17.071	17.054	17.110	HH	581905	18371377	15.77%	0.180%
370	17.134	17.110	17.159	HH	512936	14709471	12.63%	0.144%
371	17.174	17.159	17.185	HH	519792	8203942	7.04%	0.080%
372	17.218	17.185	17.264	HH	559309	24687016	21.19%	0.242%
373	17.281	17.264	17.289	HH	517598	7682035	6.59%	0.075%
374	17.300	17.289	17.338	HH	518256	14880265	12.77%	0.146%
375	17.390	17.338	17.417	HH	512562	23113516	19.84%	0.227%
376	17.441	17.417	17.462	HH	519417	13563534	11.64%	0.133%
377	17.484	17.462	17.499	HH	520403	11178298	9.59%	0.110%
378	17.517	17.499	17.530	HH	508675	9596434	8.24%	0.094%
379	17.540	17.530	17.564	HH	516381	9956331	8.55%	0.098%
380	17.585	17.564	17.604	HH	505334	11736831	10.07%	0.115%
381	17.619	17.604	17.627	HH	481879	6815542	5.85%	0.067%
382	17.685	17.627	17.772	HH	660672	45816180	39.33%	0.449%
383	17.788	17.772	17.807	HH	472028	9806292	8.42%	0.096%
384	17.827	17.807	17.847	HH	482135	11421278	9.80%	0.112%
385	17.886	17.847	17.969	HH	510052	34509298	29.62%	0.339%
386	18.003	17.969	18.022	HH	484195	14618003	12.55%	0.143%
387	18.050	18.022	18.099	HH	698489	24204653	20.78%	0.237%
388	18.122	18.099	18.148	HH	448615	13014427	11.17%	0.128%
389	18.175	18.148	18.184	HH	436561	9148747	7.85%	0.090%
390	18.204	18.184	18.221	HH	454375	9978923	8.57%	0.098%
391	18.235	18.221	18.310	HH	441847	22658738	19.45%	0.222%
392	18.341	18.310	18.369	HH	422861	14530789	12.47%	0.143%
393	18.374	18.369	18.397	HH	414447	6782533	5.82%	0.067%
394	18.420	18.397	18.438	HH	413679	10035237	8.61%	0.098%
395	18.468	18.438	18.495	HH	481637	15023934	12.90%	0.147%
396	18.517	18.495	18.537	HH	473295	11013363	9.45%	0.108%
397	18.550	18.537	18.622	HH	437160	20952273	17.98%	0.206%
398	18.643	18.622	18.670	HH	425903	11771131	10.10%	0.115%
399	18.683	18.670	18.700	HH	399820	7060198	6.06%	0.069%
400	18.720	18.700	18.739	HH	399824	9019381	7.74%	0.088%
401	18.761	18.739	18.769	HH	407472	7175042	6.16%	0.070%
402	18.793	18.769	18.826	HH	446141	14231990	12.22%	0.140%
403	18.862	18.826	18.912	HH	418547	19802272	17.00%	0.194%
404	18.956	18.912	19.012	HH	395790	22782831	19.56%	0.223%

Instrument :

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405	19.021	19.012	19.042	HH	371942	6625454	5.69%	0.065%
406	19.049	19.042	19.060	HH	368410	4037412		
407	19.068	19.060	19.092	HH	373383	6946141		
408	19.173	19.092	19.231	HH	440149	31897425	27	
409	19.266	19.231	19.290	HH	391152	13067283	11	
410	19.299	19.290	19.314	HH	358113	4967430	4	
411	19.331	19.314	19.342	HH	357386	5971688	5.13%	0.059%
412	19.359	19.342	19.404	HH	366708	13404029	11.51%	0.131%
413	19.426	19.404	19.449	HH	367820	9693928	8.32%	0.095%
414	19.489	19.449	19.517	HH	379579	15006502	12.88%	0.147%
415	19.567	19.517	19.615	HH	409056	22089154	18.96%	0.217%
416	19.676	19.615	19.699	HH	376289	17948435	15.41%	0.176%
417	19.717	19.699	19.729	HH	359547	6327322	5.43%	0.062%
418	19.748	19.729	19.757	HH	358382	5981937	5.13%	0.059%
419	19.787	19.757	19.811	HH	371589	11590027	9.95%	0.114%
420	19.846	19.811	19.894	HH	364185	17668045	15.16%	0.173%
421	19.951	19.894	19.979	HH	370582	18150343	15.58%	0.178%
422	19.985	19.979	19.997	HH	355064	3856388	3.31%	0.038%
423	20.050	19.997	20.071	HH	367212	15833622	13.59%	0.155%
424	20.083	20.071	20.117	HH	365899	9765834	8.38%	0.096%
425	20.139	20.117	20.205	HH	358718	18407645	15.80%	0.181%
426	20.212	20.205	20.222	HH	345010	3431408	2.95%	0.034%
427	20.234	20.222	20.264	HH	348312	8593116	7.38%	0.084%
428	20.280	20.264	20.304	HH	344609	8167368	7.01%	0.080%
429	20.339	20.304	20.416	HH	364369	23501540	20.17%	0.231%
430	20.437	20.416	20.446	HH	342756	6100847	5.24%	0.060%
431	20.460	20.446	20.512	HH	345015	13118638	11.26%	0.129%
432	20.553	20.512	20.629	HH	323219	21966843	18.85%	0.215%
433	20.651	20.629	20.695	HH	308799	12019059	10.32%	0.118%
434	20.704	20.695	20.746	HH	297374	8925016	7.66%	0.088%
435	20.752	20.746	20.767	HH	291464	3731550	3.20%	0.037%
436	20.789	20.767	20.802	HH	288227	6004222	5.15%	0.059%
437	20.811	20.802	20.842	HH	283544	6742914	5.79%	0.066%
438	20.858	20.842	20.910	HH	282266	11257048	9.66%	0.110%
439	20.925	20.910	20.937	HH	273209	4304756	3.69%	0.042%
440	20.952	20.937	21.057	HH	269216	18812788	16.15%	0.185%
441	21.070	21.057	21.155	HH	259802	14891046	12.78%	0.146%
442	21.169	21.155	21.257	HH	247613	14609488	12.54%	0.143%
443	21.263	21.257	21.320	HH	234526	8684443	7.45%	0.085%
444	21.342	21.320	21.360	HH	229054	5505453	4.73%	0.054%
445	21.386	21.360	21.395	HH	227256	4734412	4.06%	0.046%
446	21.403	21.395	21.439	HH	225299	5801255	4.98%	0.057%
447	21.443	21.439	21.519	HH	226387	10342460	8.88%	0.101%
448	21.540	21.519	21.577	HH	214853	7349119	6.31%	0.072%
449	21.586	21.577	21.604	HH	209733	3332831	2.86%	0.033%
450	21.612	21.604	21.625	HH	205397	2659796	2.28%	0.026%
451	21.634	21.625	21.665	HH	205823	4885506	4.19%	0.048%
452	21.673	21.665	21.794	HH	203971	15147726	13.00%	0.149%
Sum of corrected areas: 10194048852								

Instrument :
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