

rtres

Instrument :

FID_F

ClientSampleId :

C150-CU

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2022

Supervised By :mohammad ahmed 04/13/2022

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF04112
Data File : FF010325.D
Signal(s) : FID2B.ch
Acq On : 11 Apr 2022 14:03
Sample : N2336-02 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.997	2.016	BV	1904	16549	0.79%	0.026%
2	2.019	2.016	2.033	VV	1865	17992	0.86%	0.029%
3	2.035	2.033	2.054	VV	1825	20972	1.01%	0.034%
4	2.069	2.054	2.119	VV	2518	68188	3.27%	0.109%
5	2.130	2.119	2.148	VV	1560	25570	1.23%	0.041%
6	2.159	2.148	2.174	VV	1651	23436	1.12%	0.037%
7	2.177	2.174	2.185	VV	1367	9527	0.46%	0.015%
8	2.191	2.185	2.204	VV	1472	14606	0.70%	0.023%
9	2.207	2.204	2.215	VV	1390	8777	0.42%	0.014%
10	2.222	2.215	2.238	VV	1419	18687	0.90%	0.030%
11	2.242	2.238	2.248	VV	1338	7773	0.37%	0.012%
12	2.264	2.248	2.284	VV	1478	28492	1.37%	0.046%
13	2.292	2.284	2.300	VV	1333	12065	0.58%	0.019%
14	2.304	2.300	2.315	VV	1305	11729	0.56%	0.019%
15	2.319	2.315	2.326	VV	1187	7598	0.36%	0.012%
16	2.333	2.326	2.342	VV	1205	11082	0.53%	0.018%
17	2.348	2.342	2.354	VV	1170	7851	0.38%	0.013%
18	2.356	2.354	2.367	VV	1194	9143	0.44%	0.015%
19	2.372	2.367	2.385	VV	1172	11932	0.57%	0.019%
20	2.398	2.385	2.412	VV	1195	18640	0.89%	0.030%
21	2.416	2.412	2.427	VV	1202	10892	0.52%	0.017%
22	2.446	2.427	2.465	VV	1607	29603	1.42%	0.047%
23	2.469	2.465	2.479	VV	1455	10289	0.49%	0.016%
24	2.483	2.479	2.489	VV	1175	6929	0.33%	0.011%
25	2.502	2.489	2.516	VV	1168	17685	0.85%	0.028%
26	2.527	2.516	2.554	VV	1139	24628	1.18%	0.039%
27	2.558	2.554	2.583	VV	1073	16960	0.81%	0.027%
28	2.592	2.583	2.605	VV	1116	13150	0.63%	0.021%
29	2.633	2.605	2.651	VV	1044	25907	1.24%	0.041%
30	2.663	2.651	2.676	VV	966	14156	0.68%	0.023%
31	2.684	2.676	2.700	VV	1023	12518	0.60%	0.020%
32	2.715	2.700	2.729	VV	975	16384	0.79%	0.026%
33	2.747	2.729	2.754	VV	1019	13476	0.65%	0.022%
34	2.763	2.754	2.795	VV	904	21204	1.02%	0.034%
35	2.814	2.795	2.872	VV	1194	41786	2.00%	0.067%
36	2.880	2.872	2.904	VV	991	16324	0.78%	0.026%

					retention			
37	2.908	2.904	2.930	VV	848	12644	0.61%	0.020%
38	2.941	2.930	2.954	VV	832	11202		
39	2.969	2.954	2.982	VV	1256	16682		
40	2.986	2.982	3.014	VV	959	16522		
41	3.019	3.014	3.030	VV	794	6898		
42	3.035	3.030	3.053	VV	865	10626		
43	3.069	3.053	3.107	VV	1445	29436	1.41%	0.047%
44	3.111	3.107	3.147	VV	735	15920	0.76%	0.025%
45	3.162	3.147	3.205	VV	850	24103	1.16%	0.039%
46	3.210	3.205	3.215	VV	653	3988	0.19%	0.006%
47	3.222	3.215	3.244	VV	623	10174	0.49%	0.016%
48	3.247	3.244	3.267	VV	565	7374	0.35%	0.012%
49	3.283	3.267	3.309	VV	729	15055	0.72%	0.024%
50	3.313	3.309	3.320	VV	632	4063	0.19%	0.006%
51	3.325	3.320	3.338	VV	670	6258	0.30%	0.010%
52	3.341	3.338	3.354	VV	559	5018	0.24%	0.008%
53	3.357	3.354	3.364	VV	540	2922	0.14%	0.005%
54	3.382	3.364	3.388	VV	676	8724	0.42%	0.014%
55	3.394	3.388	3.412	VV	666	8431	0.40%	0.013%
56	3.419	3.412	3.465	VV	627	16894	0.81%	0.027%
57	3.478	3.465	3.513	VV	670	15770	0.76%	0.025%
58	3.521	3.513	3.535	VV	543	6418	0.31%	0.010%
59	3.558	3.535	3.571	VV	644	12212	0.59%	0.020%
60	3.579	3.571	3.592	VV	701	7709	0.37%	0.012%
61	3.596	3.592	3.603	VV	561	3391	0.16%	0.005%
62	3.612	3.603	3.625	VV	649	7005	0.34%	0.011%
63	3.627	3.625	3.642	VV	550	5305	0.25%	0.008%
64	3.658	3.642	3.682	VV	893	15662	0.75%	0.025%
65	3.696	3.682	3.719	VV	603	11679	0.56%	0.019%
66	3.732	3.719	3.755	VV	598	10891	0.52%	0.017%
67	3.758	3.755	3.770	VV	537	4945	0.24%	0.008%
68	3.778	3.770	3.814	VV	594	13441	0.64%	0.022%
69	3.830	3.814	3.839	VV	489	6839	0.33%	0.011%
70	3.848	3.839	3.854	VV	568	4388	0.21%	0.007%
71	3.865	3.854	3.878	VV	566	7267	0.35%	0.012%
72	3.884	3.878	3.906	VV	548	7743	0.37%	0.012%
73	3.908	3.906	3.930	VV	455	5706	0.27%	0.009%
74	3.950	3.930	3.960	VV	786	10819	0.52%	0.017%
75	3.976	3.960	4.021	VV	1091	25758	1.24%	0.041%
76	4.034	4.021	4.059	VV	638	11687	0.56%	0.019%
77	4.063	4.059	4.079	VV	426	4782	0.23%	0.008%
78	4.097	4.079	4.109	VV	488	7492	0.36%	0.012%
79	4.116	4.109	4.131	VV	492	6093	0.29%	0.010%
80	4.150	4.131	4.201	VV	1077	24504	1.18%	0.039%
81	4.206	4.201	4.210	VV	482	2445	0.12%	0.004%
82	4.231	4.210	4.254	VV	566	11945	0.57%	0.019%
83	4.264	4.254	4.275	VV	417	4835	0.23%	0.008%
84	4.278	4.275	4.288	VV	452	2580	0.12%	0.004%
85	4.301	4.288	4.312	VV	388	5321	0.26%	0.009%
86	4.314	4.312	4.326	VV	405	2702	0.13%	0.004%
87	4.334	4.326	4.340	VV	385	2412	0.12%	0.004%
88	4.354	4.340	4.381	VV	581	11007	0.53%	0.018%
89	4.399	4.381	4.419	VV	639	10712	0.51%	0.017%

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90	4.424	4.419	4.444	VV	527	6774	0.32%	0.011%
91	4.452	4.444	4.461	VV	440	4305		
92	4.466	4.461	4.488	VV	410	6052		
93	4.502	4.488	4.519	VV	765	10176		
94	4.523	4.519	4.539	VV	377	3874		
95	4.543	4.539	4.555	VV	364	3093		
96	4.570	4.555	4.595	VV	590	10444	0.50%	0.017%
97	4.607	4.595	4.620	VV	413	5550	0.27%	0.009%
98	4.636	4.620	4.658	VV	553	9687	0.46%	0.015%
99	4.661	4.658	4.668	VV	351	1764	0.08%	0.003%
100	4.672	4.668	4.677	VV	325	1626	0.08%	0.003%
101	4.691	4.677	4.716	VV	493	9198	0.44%	0.015%
102	4.721	4.716	4.725	VV	393	1965	0.09%	0.003%
103	4.735	4.725	4.754	VV	455	6016	0.29%	0.010%
104	4.769	4.754	4.791	VV	416	7788	0.37%	0.012%
105	4.797	4.791	4.816	VV	401	5324	0.26%	0.009%
106	4.821	4.816	4.834	VV	438	3952	0.19%	0.006%
107	4.837	4.834	4.846	VV	368	2470	0.12%	0.004%
108	4.850	4.846	4.867	VV	374	3910	0.19%	0.006%
109	4.914	4.867	4.938	VV	405	12357	0.59%	0.020%
110	4.943	4.938	4.957	VV	307	3175	0.15%	0.005%
111	4.974	4.957	5.000	VV	496	8985	0.43%	0.014%
112	5.005	5.000	5.018	VV	281	2948	0.14%	0.005%
113	5.037	5.018	5.062	VV	333	6948	0.33%	0.011%
114	5.066	5.062	5.075	VV	235	1570	0.08%	0.003%
115	5.094	5.075	5.111	VV	404	6288	0.30%	0.010%
116	5.116	5.111	5.121	VV	229	1236	0.06%	0.002%
117	5.123	5.121	5.141	VV	265	2525	0.12%	0.004%
118	5.161	5.141	5.189	VV	273	5976	0.29%	0.010%
119	5.210	5.189	5.264	VV	1153	20125	0.97%	0.032%
120	5.278	5.264	5.309	VV	438	8192	0.39%	0.013%
121	5.335	5.309	5.371	VV	292	7432	0.36%	0.012%
122	5.395	5.371	5.399	VV	462	4585	0.22%	0.007%
123	5.409	5.399	5.414	VV	392	3292	0.16%	0.005%
124	5.418	5.414	5.431	VV	385	3132	0.15%	0.005%
125	5.441	5.431	5.476	VV	366	6619	0.32%	0.011%
126	5.502	5.476	5.524	VV	563	8947	0.43%	0.014%
127	5.528	5.524	5.541	VV	252	2025	0.10%	0.003%
128	5.582	5.541	5.599	VV	319	8686	0.42%	0.014%
129	5.603	5.599	5.610	VV	264	1498	0.07%	0.002%
130	5.616	5.610	5.619	VV	298	1285	0.06%	0.002%
131	5.624	5.619	5.634	VV	320	2221	0.11%	0.004%
132	5.646	5.634	5.667	VV	334	4792	0.23%	0.008%
133	5.671	5.667	5.679	VV	279	1765	0.08%	0.003%
134	5.691	5.679	5.699	VV	274	3186	0.15%	0.005%
135	5.702	5.699	5.721	VV	284	2823	0.14%	0.005%
136	5.724	5.721	5.727	VV	244	871	0.04%	0.001%
137	5.731	5.727	5.739	VV	272	1484	0.07%	0.002%
138	5.761	5.739	5.771	VV	304	4434	0.21%	0.007%
139	5.796	5.771	5.822	VV	508	11184	0.54%	0.018%
140	5.833	5.822	5.861	VV	399	7438	0.36%	0.012%
141	5.879	5.861	5.892	VV	314	4874	0.23%	0.008%

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					retention			
142	5.903	5.892	5.911	VV	359	3342	0.16%	0.005%
143	5.940	5.911	5.976	VV	1148	20655		
144	5.986	5.976	6.004	VV	314	4273		
145	6.009	6.004	6.024	VV	296	2384		
146	6.028	6.024	6.041	VV	219	1958		
147	6.046	6.041	6.066	VV	219	2361		
148	6.091	6.066	6.144	VV	699	13790	0.66%	0.022%
149	6.158	6.144	6.192	VV	587	9249	0.44%	0.015%
150	6.218	6.192	6.252	VV	1245	17765	0.85%	0.028%
151	6.266	6.252	6.315	VV	401	8131	0.39%	0.013%
152	6.321	6.315	6.331	VV	108	787	0.04%	0.001%
153	6.339	6.331	6.357	VV	164	1546	0.07%	0.002%
154	6.377	6.357	6.440	VV	372	9039	0.43%	0.014%
155	6.451	6.440	6.466	VV	238	2651	0.13%	0.004%
156	6.470	6.466	6.478	VV	166	891	0.04%	0.001%
157	6.524	6.478	6.543	VV	327	6463	0.31%	0.010%
158	6.550	6.543	6.562	VV	202	1478	0.07%	0.002%
159	6.575	6.562	6.605	VV	193	3751	0.18%	0.006%
160	6.611	6.605	6.637	VV	121	1588	0.08%	0.003%
161	6.645	6.637	6.662	VV	152	1485	0.07%	0.002%
162	6.673	6.662	6.679	VV	155	1213	0.06%	0.002%
163	6.685	6.679	6.690	VV	240	1185	0.06%	0.002%
164	6.695	6.690	6.716	VV	283	2912	0.14%	0.005%
165	6.720	6.716	6.726	VV	175	741	0.04%	0.001%
166	6.756	6.726	6.782	VV	196	4973	0.24%	0.008%
167	6.806	6.782	6.821	VV	218	4213	0.20%	0.007%
168	6.839	6.821	6.860	VV	589	9133	0.44%	0.015%
169	6.873	6.860	6.896	VV	420	7380	0.35%	0.012%
170	6.907	6.896	6.931	VV	309	4988	0.24%	0.008%
171	6.938	6.931	6.966	VV	242	2863	0.14%	0.005%
172	6.999	6.966	7.015	VV	460	7081	0.34%	0.011%
173	7.032	7.015	7.043	VV	256	3125	0.15%	0.005%
174	7.053	7.043	7.064	VV	277	2472	0.12%	0.004%
175	7.078	7.064	7.089	VV	272	2982	0.14%	0.005%
176	7.093	7.089	7.109	VV	222	1319	0.06%	0.002%
177	7.133	7.109	7.149	VV	372	4539	0.22%	0.007%
178	7.171	7.149	7.189	VV	646	8412	0.40%	0.013%
179	7.199	7.189	7.205	VV	402	2991	0.14%	0.005%
180	7.207	7.205	7.234	VV	323	2599	0.12%	0.004%
181	7.249	7.234	7.272	VV	271	3783	0.18%	0.006%
182	7.301	7.272	7.326	VV	855	12031	0.58%	0.019%
183	7.330	7.326	7.340	VV	120	658	0.03%	0.001%
184	7.360	7.340	7.389	VV	186	3515	0.17%	0.006%
185	7.437	7.389	7.446	VV	178	4193	0.20%	0.007%
186	7.471	7.446	7.494	VV	241	4484	0.22%	0.007%
187	7.514	7.494	7.574	VV	163	5006	0.24%	0.008%
188	7.594	7.574	7.607	VV	217	2715	0.13%	0.004%
189	7.613	7.607	7.624	VV	153	1166	0.06%	0.002%
190	7.636	7.624	7.646	VV	186	2037	0.10%	0.003%
191	7.656	7.646	7.689	VV	210	3149	0.15%	0.005%
192	7.710	7.689	7.747	VV	423	10838	0.52%	0.017%
193	7.755	7.747	7.769	VV	320	3372	0.16%	0.005%
194	7.775	7.769	7.804	VV	289	3930	0.19%	0.006%

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195	7.826	7.804	7.847	VV	306	5088	0.24%	0.008%
196	7.867	7.847	7.897	VV	351	7588		
197	7.923	7.897	7.936	VV	304	5662		
198	7.952	7.936	7.964	VV	368	5269		
199	7.992	7.964	8.036	VV	646	17969		
200	8.063	8.036	8.114	VV	974	25995		
201	8.126	8.114	8.139	VV	448	5008	0.24%	0.008%
202	8.171	8.139	8.204	VV	1415	23302	1.12%	0.037%
203	8.219	8.204	8.231	VV	274	3657	0.18%	0.006%
204	8.243	8.231	8.257	VV	317	3707	0.18%	0.006%
205	8.280	8.257	8.321	VV	2050	28413	1.36%	0.045%
206	8.331	8.321	8.360	VV	304	4921	0.24%	0.008%
207	8.373	8.360	8.384	VV	209	2003	0.10%	0.003%
208	8.405	8.384	8.422	VV	208	3401	0.16%	0.005%
209	8.464	8.422	8.474	VV	292	6223	0.30%	0.010%
210	8.488	8.474	8.502	VV	291	4046	0.19%	0.006%
211	8.545	8.502	8.562	VV	966	19807	0.95%	0.032%
212	8.575	8.562	8.599	VV	804	11811	0.57%	0.019%
213	8.623	8.599	8.650	VV	595	14106	0.68%	0.023%
214	8.662	8.650	8.689	VV	548	10224	0.49%	0.016%
215	8.707	8.689	8.727	VV	522	8641	0.41%	0.014%
216	8.738	8.727	8.776	VV	316	8159	0.39%	0.013%
217	8.816	8.776	8.832	VV	559	14940	0.72%	0.024%
218	8.849	8.832	8.877	VV	706	12905	0.62%	0.021%
219	8.909	8.877	8.957	VV	1218	28661	1.37%	0.046%
220	8.992	8.957	9.058	VV	857	22532	1.08%	0.036%
221	9.087	9.058	9.112	VV	189	3878	0.19%	0.006%
222	9.138	9.112	9.160	PV	407	6381	0.31%	0.010%
223	9.175	9.160	9.204	VV	247	3556	0.17%	0.006%
224	9.221	9.204	9.241	VV	151	2349	0.11%	0.004%
225	9.283	9.241	9.299	VV	269	4667	0.22%	0.007%
226	9.318	9.299	9.344	VV	801	12191	0.58%	0.020%
227	9.362	9.344	9.403	VV	854	16879	0.81%	0.027%
228	9.440	9.403	9.479	VV	337	12586	0.60%	0.020%
229	9.507	9.479	9.531	VV	546	9658	0.46%	0.015%
230	9.549	9.531	9.582	VV	261	6739	0.32%	0.011%
231	9.599	9.582	9.612	VV	331	4854	0.23%	0.008%
232	9.618	9.612	9.632	VV	330	3387	0.16%	0.005%
233	9.653	9.632	9.662	VV	607	7764	0.37%	0.012%
234	9.707	9.662	9.731	VV	1281	30184	1.45%	0.048%
235	9.772	9.731	9.854	VV	1008	39854	1.91%	0.064%
236	9.882	9.854	9.919	VV	319	5773	0.28%	0.009%
237	9.946	9.919	9.962	PV	477	5706	0.27%	0.009%
238	9.969	9.962	9.999	VV	319	4622	0.22%	0.007%
239	10.046	9.999	10.061	VV	692	14044	0.67%	0.022%
240	10.071	10.061	10.086	VV	495	5556	0.27%	0.009%
241	10.106	10.086	10.114	VV	797	8370	0.40%	0.013%
242	10.124	10.114	10.142	VV	822	10520	0.50%	0.017%
243	10.157	10.142	10.181	VV	522	9029	0.43%	0.014%
244	10.248	10.181	10.271	VV	592	21513	1.03%	0.034%
245	10.300	10.271	10.336	VV	2986	41840	2.01%	0.067%
246	10.360	10.336	10.396	VV	7263	92801	4.45%	0.148%

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2022

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					retention			
247	10.421	10.396	10.438	VV	9346	117217	5.62%	0.188%
248	10.450	10.438	10.462	VV	4587	52896		
249	10.490	10.462	10.536	VV	5117	125175		
250	10.580	10.536	10.598	VV	3781	90604		
251	10.616	10.598	10.659	VV	5772	102937		
252	10.681	10.659	10.704	VV	8227	96219		
253	10.737	10.704	10.749	VV	5053	76536	3.67%	0.122%
254	10.764	10.749	10.809	VV	8039	103327	4.96%	0.165%
255	10.840	10.809	10.876	VV	3651	49736	2.39%	0.080%
256	10.897	10.876	10.924	VV	552	10696	0.51%	0.017%
257	10.941	10.924	10.961	VV	313	5747	0.28%	0.009%
258	11.000	10.961	11.036	VV	397	12622	0.61%	0.020%
259	11.056	11.036	11.111	VV	2074	29509	1.42%	0.047%
260	11.145	11.111	11.167	VV	720	12349	0.59%	0.020%
261	11.187	11.167	11.199	VV	855	11211	0.54%	0.018%
262	11.218	11.199	11.257	VV	1455	30219	1.45%	0.048%
263	11.289	11.257	11.339	VV	806	20005	0.96%	0.032%
264	11.365	11.339	11.385	PV	284	4259	0.20%	0.007%
265	11.410	11.385	11.432	VV	438	7093	0.34%	0.011%
266	11.462	11.432	11.489	VV	460	8171	0.39%	0.013%
267	11.519	11.489	11.534	VV	360	6399	0.31%	0.010%
268	11.569	11.534	11.584	VV	1136	17885	0.86%	0.029%
269	11.600	11.584	11.642	VV	1488	19156	0.92%	0.031%
270	11.684	11.642	11.702	VV	1331	28310	1.36%	0.045%
271	11.716	11.702	11.732	VV	1129	15026	0.72%	0.024%
272	11.747	11.732	11.781	VV	1099	15247	0.73%	0.024%
273	11.821	11.781	11.852	PV	885	15101	0.72%	0.024%
274	11.886	11.852	11.908	VV	1292	24285	1.16%	0.039%
275	11.928	11.908	11.958	VV	1494	21655	1.04%	0.035%
276	11.981	11.958	12.005	VV	536	8616	0.41%	0.014%
277	12.041	12.005	12.084	VV	1037	14776	0.71%	0.024%
278	12.099	12.084	12.112	VV	197	2075	0.10%	0.003%
279	12.132	12.112	12.170	VV	4488	54307	2.60%	0.087%
280	12.196	12.170	12.229	VV	346	8249	0.40%	0.013%
281	12.248	12.229	12.264	VV	363	5280	0.25%	0.008%
282	12.270	12.264	12.327	VV	354	8794	0.42%	0.014%
283	12.358	12.327	12.399	VV	589	13774	0.66%	0.022%
284	12.420	12.399	12.439	VV	1251	15449	0.74%	0.025%
285	12.469	12.439	12.489	VV	1738	28194	1.35%	0.045%
286	12.529	12.489	12.559	VV	2266	38338	1.84%	0.061%
287	12.585	12.559	12.628	VV	16499	192848	9.25%	0.308%
288	12.648	12.628	12.671	VV	391	5263	0.25%	0.008%
289	12.689	12.671	12.699	PV	273	3440	0.17%	0.006%
290	12.721	12.699	12.739	VV	730	10789	0.52%	0.017%
291	12.744	12.739	12.757	VV	479	4625	0.22%	0.007%
292	12.772	12.757	12.812	VV	815	19295	0.93%	0.031%
293	12.826	12.812	12.859	VV	646	8909	0.43%	0.014%
294	12.884	12.859	12.912	VV	15875	180447	8.65%	0.289%
295	12.941	12.912	12.957	VV	1294	19172	0.92%	0.031%
296	12.973	12.957	13.004	VV	1836	25141	1.21%	0.040%
297	13.082	13.004	13.114	VV	1571	36667	1.76%	0.059%
298	13.160	13.114	13.211	PV	7498	132181	6.34%	0.211%
299	13.225	13.211	13.249	VV	749	11402	0.55%	0.018%

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300	13.282	13.249	13.299	VV	621	11617	0.56%	0.019%
301	13.311	13.299	13.319	VV	347	4056		
302	13.345	13.319	13.384	VV	1266	24151		
303	13.414	13.384	13.431	VV	330	5334		
304	13.475	13.431	13.506	PV	2524	45990		
305	13.544	13.506	13.557	VV	509	11323		
306	13.583	13.557	13.603	VV	1279	20366	0.98%	0.033%
307	13.622	13.603	13.642	VV	1475	19412	0.93%	0.031%
308	13.677	13.642	13.694	VV	894	18606	0.89%	0.030%
309	13.731	13.694	13.739	VV	2295	33778	1.62%	0.054%
310	13.749	13.739	13.773	VV	2403	33082	1.59%	0.053%
311	13.790	13.773	13.812	VV	1143	17106	0.82%	0.027%
312	13.820	13.812	13.834	VV	255	2066	0.10%	0.003%
313	13.873	13.834	13.892	VV	454	10030	0.48%	0.016%
314	13.909	13.892	13.919	VV	327	4098	0.20%	0.007%
315	13.942	13.919	13.987	VV	628	14883	0.71%	0.024%
316	14.005	13.987	14.026	VV	483	6273	0.30%	0.010%
317	14.089	14.026	14.104	PV	390	7540	0.36%	0.012%
318	14.164	14.104	14.177	VV	875	23586	1.13%	0.038%
319	14.210	14.177	14.231	VV	2013	35673	1.71%	0.057%
320	14.237	14.231	14.267	VV	861	10696	0.51%	0.017%
321	14.292	14.267	14.309	PV	1363	18251	0.88%	0.029%
322	14.323	14.309	14.341	VV	965	14652	0.70%	0.023%
323	14.354	14.341	14.364	VV	934	11488	0.55%	0.018%
324	14.387	14.364	14.426	VV	1439	31696	1.52%	0.051%
325	14.452	14.426	14.476	VV	2738	36354	1.74%	0.058%
326	14.513	14.476	14.536	PV	1715	26794	1.29%	0.043%
327	14.576	14.536	14.594	VV	660	11709	0.56%	0.019%
328	14.628	14.594	14.690	VV	25692	359630	17.25%	0.575%
329	14.717	14.690	14.732	VV	1256	16474	0.79%	0.026%
330	14.764	14.732	14.782	VV	7789	98337	4.72%	0.157%
331	14.803	14.782	14.851	VV	8587	124192	5.96%	0.199%
332	14.876	14.851	14.907	VV	1889	33323	1.60%	0.053%
333	14.927	14.907	14.947	VV	1944	29954	1.44%	0.048%
334	14.970	14.947	14.982	VV	945	16304	0.78%	0.026%
335	15.007	14.982	15.046	VV	902	19632	0.94%	0.031%
336	15.075	15.046	15.090	PV	928	15399	0.74%	0.025%
337	15.120	15.090	15.139	VV	864	20799	1.00%	0.033%
338	15.142	15.139	15.159	VV	616	5232	0.25%	0.008%
339	15.238	15.159	15.299	VV	6771	179371	8.60%	0.287%
340	15.312	15.299	15.324	VV	540	5736	0.28%	0.009%
341	15.356	15.324	15.386	VV	1559	29461	1.41%	0.047%
342	15.426	15.386	15.459	VV	3920	86536	4.15%	0.138%
343	15.481	15.459	15.514	VV	1384	21409	1.03%	0.034%
344	15.606	15.514	15.637	PV	1531	53527	2.57%	0.086%
345	15.679	15.637	15.702	VV	995	19749	0.95%	0.032%
346	15.766	15.702	15.781	PV	1197	33254	1.59%	0.053%
347	15.805	15.781	15.824	VV	1129	22950	1.10%	0.037%
348	15.883	15.824	15.899	VV	1273	45508	2.18%	0.073%
349	15.916	15.899	15.941	VV	1347	23061	1.11%	0.037%
350	15.973	15.941	15.997	VV	808	17365	0.83%	0.028%
351	16.052	15.997	16.082	PV	1452	41705	2.00%	0.067%

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					rters			
352	16.142	16.082	16.179	VV	2229	69154	3.32%	0.111%
353	16.201	16.179	16.212	VV	923	13602		
354	16.253	16.212	16.279	VV	2756	51991		
355	16.326	16.279	16.377	VV	10153	210764	10.15%	0.324%
356	16.427	16.377	16.437	PV	1753	37025	1.75%	0.076%
357	16.459	16.437	16.483	VV	3687	71779	3.69%	0.125%
358	16.496	16.483	16.527	VV	2702	47800	2.70%	0.076%
359	16.550	16.527	16.587	VV	1891	41998	2.01%	0.067%
360	16.645	16.587	16.677	VV	7429	189946	9.11%	0.304%
361	16.703	16.677	16.736	VV	7547	120060	5.76%	0.192%
362	16.806	16.736	16.816	VV	6325	145870	7.00%	0.233%
363	16.834	16.816	16.891	VV	6236	202863	9.73%	0.325%
364	16.907	16.891	16.917	VV	2775	42204	2.02%	0.068%
365	16.941	16.917	16.954	VV	2723	56256	2.70%	0.090%
366	17.063	16.954	17.087	VV	4352	300621	14.42%	0.481%
367	17.130	17.087	17.157	VV	5256	180076	8.64%	0.288%
368	17.199	17.157	17.212	VV	7276	175101	8.40%	0.280%
369	17.226	17.212	17.242	VV	7609	120016	5.76%	0.192%
370	17.255	17.242	17.276	VV	6832	116372	5.58%	0.186%
371	17.294	17.276	17.311	VV	7014	123437	5.92%	0.197%
372	17.329	17.311	17.347	VV	6821	128923	6.18%	0.206%
373	17.374	17.347	17.402	VV	8094	197126	9.45%	0.315%
374	17.430	17.402	17.457	VV	7393	184634	8.86%	0.295%
375	17.464	17.457	17.477	VV	5219	58456	2.80%	0.094%
376	17.488	17.477	17.507	VV	4686	77855	3.73%	0.125%
377	17.524	17.507	17.538	VV	5183	84301	4.04%	0.135%
378	17.596	17.538	17.621	VV	9280	312357	14.98%	0.500%
379	17.694	17.621	17.750	VV	15247	678153	32.52%	1.085%
380	17.787	17.750	17.796	VV	7725	173223	8.31%	0.277%
381	17.842	17.796	17.912	VV	16263	715444	34.31%	1.144%
382	17.929	17.912	17.962	VV	8620	230521	11.06%	0.369%
383	17.986	17.962	17.995	VV	9990	163234	7.83%	0.261%
384	18.016	17.995	18.031	VV	11602	218857	10.50%	0.350%
385	18.075	18.031	18.096	VV	17689	488153	23.41%	0.781%
386	18.111	18.096	18.134	VV	12624	262077	12.57%	0.419%
387	18.160	18.134	18.175	VV	10090	230061	11.03%	0.368%
388	18.209	18.175	18.229	VV	18775	433996	20.81%	0.694%
389	18.244	18.229	18.264	VV	12573	241266	11.57%	0.386%
390	18.283	18.264	18.307	VV	11363	266763	12.79%	0.427%
391	18.331	18.307	18.356	VV	18484	402269	19.29%	0.643%
392	18.363	18.356	18.373	VV	11733	115935	5.56%	0.185%
393	18.380	18.373	18.401	VV	10839	175510	8.42%	0.281%
394	18.421	18.401	18.451	VV	12486	347011	16.64%	0.555%
395	18.465	18.451	18.485	VV	11808	233562	11.20%	0.374%
396	18.529	18.485	18.562	VV	15094	594852	28.53%	0.952%
397	18.583	18.562	18.601	VV	12125	264759	12.70%	0.424%
398	18.633	18.601	18.656	VV	19649	491738	23.58%	0.787%
399	18.678	18.656	18.724	VV	18454	604036	28.97%	0.966%
400	18.768	18.724	18.789	VV	14819	521798	25.03%	0.835%
401	18.806	18.789	18.819	VV	16259	273984	13.14%	0.438%
402	18.826	18.819	18.835	VV	14983	143362	6.88%	0.229%
403	18.908	18.835	18.939	VV	20543	1047505	50.24%	1.676%
404	18.961	18.939	18.992	VV	20312	589569	28.28%	0.943%

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					rters				
405	19.029	18.992	19.039	VV	21088	521551	25.01%	0.834%	
406	19.057	19.039	19.094	VV	21839	633268	30.01%	0.834%	
407	19.146	19.094	19.162	VV	19161	749664	38.61%	0.834%	
408	19.189	19.162	19.222	VV	21175	704528	33.51%	0.834%	
409	19.234	19.222	19.252	VV	20596	360447	17.11%	0.834%	
410	19.347	19.252	19.358	VV	24560	1378760	60.01%	0.834%	
411	19.374	19.358	19.397	VV	25896	579213	27.78%	0.927%	
412	19.429	19.397	19.461	VV	26519	925833	44.40%	1.481%	
413	19.492	19.461	19.507	VV	25769	675907	32.42%	1.081%	
414	19.601	19.507	19.632	VV	28434	1980560	94.99%	3.168%	
415	19.668	19.632	19.719	VV	32907	1568620	75.23%	2.509%	
416	19.738	19.719	19.757	VV	30192	657310	31.52%	1.051%	
417	19.767	19.757	19.791	VV	29422	571780	27.42%	0.915%	
418	19.860	19.791	19.897	VV	33470	1959753	93.99%	3.135%	
419	19.961	19.897	19.995	VV	37153	2002704	96.05%	3.204%	
420	20.011	19.995	20.036	VV	34584	833991	40.00%	1.334%	
421	20.044	20.036	20.054	VV	35386	378497	18.15%	0.605%	
422	20.067	20.054	20.077	VV	35819	496568	23.82%	0.794%	
423	20.083	20.077	20.096	VV	35795	384361	18.43%	0.615%	
424	20.117	20.096	20.146	VV	40103	1108475	53.16%	1.773%	
425	20.208	20.146	20.237	VV	40296	2085047	100.00%	3.335%	
426	20.265	20.237	20.309	VV	39430	1662732	79.75%	2.660%	
427	20.377	20.309	20.393	VV	42521	2041049	97.89%	3.265%	
428	20.403	20.393	20.427	VV	43000	866469	41.56%	1.386%	
429	20.431	20.427	20.442	VV	42006	361687	17.35%	0.579%	
430	20.453	20.442	20.500	VV	41793	1349328	64.71%	2.158%	
431	20.511	20.500	20.549	VV	37302	1067240	51.19%	1.707%	
432	20.555	20.549	20.569	VV	35853	420722	20.18%	0.673%	
433	20.612	20.569	20.647	VV	36137	1641117	78.71%	2.625%	
434	20.686	20.647	20.696	VV	35422	1020646	48.95%	1.633%	
435	20.706	20.696	20.761	VV	35971	1327384	63.66%	2.123%	
436	20.765	20.761	20.798	VV	33256	693541	33.26%	1.109%	
437	20.808	20.798	20.834	VV	29854	627123	30.08%	1.003%	
438	20.879	20.834	20.896	VV	29973	1061231	50.90%	1.698%	
439	20.919	20.896	20.932	VV	29654	640373	30.71%	1.024%	
440	20.936	20.932	21.062	VV	29867	2010814	96.44%	3.217%	
441	21.071	21.062	21.087	VV	23390	338427	16.23%	0.541%	
442	21.093	21.087	21.153	VV	22761	821536	39.40%	1.314%	
443	21.190	21.153	21.219	VV	19703	751935	36.06%	1.203%	
444	21.246	21.219	21.259	VV	20304	469060	22.50%	0.750%	
445	21.283	21.259	21.306	VV	20064	536116	25.71%	0.858%	
446	21.313	21.306	21.376	VV	18404	641487	30.77%	1.026%	
447	21.390	21.376	21.436	VV	12965	423454	20.31%	0.677%	
448	21.447	21.436	21.479	VV	11852	283300	13.59%	0.453%	
449	21.485	21.479	21.502	VV	10420	144985	6.95%	0.232%	
450	21.542	21.502	21.589	VV	11066	505829	24.26%	0.809%	
451	21.616	21.589	21.639	VV	8905	246001	11.80%	0.394%	
452	21.649	21.639	21.801	VBA	9368	546876	26.23%	0.875%	
					Sum of corrected areas:	62514747			