

rters

Instrument :

FID_F

ClientSampleId :

GT-04-(25-30)MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF04272
Data File : FF010433.D
Signal(s) : FID2B.ch
Acq On : 28 Apr 2022 01:24
Sample : N2577-11MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/29/2022

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	2.007	1.998	2.018	BV	1365	12777	0.30%	0.007%
2	2.036	2.018	2.049	VV	3442	42161	1.00%	0.023%
3	2.052	2.049	2.065	VV	1866	14937	0.36%	0.008%
4	2.075	2.065	2.091	VV	1867	22357	0.53%	0.012%
5	2.099	2.091	2.108	VV	1324	11767	0.28%	0.006%
6	2.134	2.108	2.144	VV	1537	26397	0.63%	0.015%
7	2.162	2.144	2.191	VV	1609	33595	0.80%	0.018%
8	2.207	2.191	2.234	VV	2687	35739	0.85%	0.020%
9	2.266	2.234	2.319	VV	240260	1871203	44.59%	1.029%
10	2.340	2.319	2.358	VV	1148	21249	0.51%	0.012%
11	2.379	2.358	2.385	VV	794	11661	0.28%	0.006%
12	2.394	2.385	2.407	VV	928	10791	0.26%	0.006%
13	2.420	2.407	2.428	VV	945	11010	0.26%	0.006%
14	2.432	2.428	2.437	VV	988	5539	0.13%	0.003%
15	2.449	2.437	2.476	VV	2048	32503	0.77%	0.018%
16	2.494	2.476	2.502	VV	2239	25268	0.60%	0.014%
17	2.507	2.502	2.525	VV	2066	22036	0.53%	0.012%
18	2.541	2.525	2.550	VV	6375	57798	1.38%	0.032%
19	2.559	2.550	2.576	VV	6505	59579	1.42%	0.033%
20	2.593	2.576	2.608	VV	8247	73576	1.75%	0.040%
21	2.622	2.608	2.650	VV	5515	73094	1.74%	0.040%
22	2.657	2.650	2.693	VV	1606	27403	0.65%	0.015%
23	2.744	2.693	2.775	VV	5491	93206	2.22%	0.051%
24	2.783	2.775	2.798	VV	856	9473	0.23%	0.005%
25	2.828	2.798	2.841	VV	3009	33909	0.81%	0.019%
26	2.855	2.841	2.868	VV	2252	26570	0.63%	0.015%
27	2.879	2.868	2.908	VV	2100	28299	0.67%	0.016%
28	2.913	2.908	2.920	VV	514	3341	0.08%	0.002%
29	2.943	2.920	2.957	VV	1603	23417	0.56%	0.013%
30	2.972	2.957	2.985	VV	3320	34962	0.83%	0.019%
31	2.990	2.985	3.000	VV	1383	11223	0.27%	0.006%
32	3.036	3.000	3.059	VV	3075	61254	1.46%	0.034%
33	3.073	3.059	3.083	VV	1840	19570	0.47%	0.011%
34	3.106	3.083	3.121	VV	12463	154431	3.68%	0.085%
35	3.131	3.121	3.151	VV	7025	69201	1.65%	0.038%
36	3.161	3.151	3.168	VV	1345	12286	0.29%	0.007%

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37	3.179	3.168	3.204	VV	2213	28554	0.68%	0.016%
38	3.207	3.204	3.211	VV	540	2073		
39	3.230	3.211	3.242	VV	1369	17375		
40	3.257	3.242	3.265	VV	1779	18304		
41	3.279	3.265	3.289	VV	4073	39851		
42	3.303	3.289	3.320	VV	11124	109489		
43	3.329	3.320	3.365	VV	2697	36701	0.87%	0.020%
44	3.385	3.365	3.395	VV	1756	18967	0.45%	0.010%
45	3.409	3.395	3.422	VV	8252	79735	1.90%	0.044%
46	3.433	3.422	3.450	VV	6820	72995	1.74%	0.040%
47	3.464	3.450	3.515	VV	5319	130629	3.11%	0.072%
48	3.525	3.515	3.534	VV	3537	30361	0.72%	0.017%
49	3.551	3.534	3.582	VV	24328	280511	6.69%	0.154%
50	3.613	3.582	3.631	VV	10761	190735	4.55%	0.105%
51	3.658	3.631	3.683	VV	28760	408534	9.74%	0.225%
52	3.687	3.683	3.701	VV	9411	84749	2.02%	0.047%
53	3.715	3.701	3.719	VV	9893	83155	1.98%	0.046%
54	3.730	3.719	3.743	VV	13960	154231	3.68%	0.085%
55	3.750	3.743	3.764	VV	7689	68552	1.63%	0.038%
56	3.779	3.764	3.808	VV	7971	112392	2.68%	0.062%
57	3.825	3.808	3.846	VV	23661	219974	5.24%	0.121%
58	3.873	3.846	3.892	VV	13537	211508	5.04%	0.116%
59	3.900	3.892	3.922	VV	9602	103803	2.47%	0.057%
60	3.943	3.922	3.957	VV	5770	75547	1.80%	0.042%
61	3.981	3.957	4.002	VV	10551	192757	4.59%	0.106%
62	4.016	4.002	4.036	VV	13642	199156	4.75%	0.109%
63	4.048	4.036	4.072	VV	13921	170229	4.06%	0.094%
64	4.096	4.072	4.103	VV	6345	82603	1.97%	0.045%
65	4.132	4.103	4.144	VV	25530	333627	7.95%	0.183%
66	4.159	4.144	4.182	VV	31463	386414	9.21%	0.212%
67	4.197	4.182	4.210	VV	13020	163412	3.89%	0.090%
68	4.216	4.210	4.232	VV	7105	63036	1.50%	0.035%
69	4.268	4.232	4.288	VV	19965	314857	7.50%	0.173%
70	4.308	4.288	4.330	VV	19361	304922	7.27%	0.168%
71	4.354	4.330	4.381	VV	245872	2438055	58.10%	1.340%
72	4.393	4.381	4.407	VV	8239	102570	2.44%	0.056%
73	4.423	4.407	4.447	VV	14230	205794	4.90%	0.113%
74	4.471	4.447	4.485	VV	6772	131245	3.13%	0.072%
75	4.513	4.485	4.536	VV	18537	410894	9.79%	0.226%
76	4.553	4.536	4.569	VV	30325	418855	9.98%	0.230%
77	4.575	4.569	4.597	VV	14740	219112	5.22%	0.120%
78	4.609	4.597	4.619	VV	14531	152340	3.63%	0.084%
79	4.636	4.619	4.650	VV	52867	555436	13.24%	0.305%
80	4.661	4.650	4.673	VV	24129	279555	6.66%	0.154%
81	4.683	4.673	4.696	VV	22804	246633	5.88%	0.136%
82	4.726	4.696	4.742	VV	31625	550383	13.12%	0.303%
83	4.762	4.742	4.790	VV	48046	814635	19.41%	0.448%
84	4.800	4.790	4.805	VV	13061	108542	2.59%	0.060%
85	4.825	4.805	4.854	VV	58870	801980	19.11%	0.441%
86	4.875	4.854	4.888	VV	20626	323591	7.71%	0.178%
87	4.913	4.888	4.933	VV	21785	425382	10.14%	0.234%
88	4.980	4.933	4.991	VV	24835	479226	11.42%	0.263%
89	4.997	4.991	5.023	VV	19157	259675	6.19%	0.143%

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90	5.047	5.023	5.057	VV	30021	375548	8.95% 0.206%
91	5.070	5.057	5.084	VV	55142	615460	14.9%
92	5.091	5.084	5.111	VV	27602	401843	9.6%
93	5.120	5.111	5.135	VV	24428	269057	6.8%
94	5.150	5.135	5.171	VV	20025	344117	8.1%
95	5.191	5.171	5.204	VV	49811	633812	15.1%
96	5.211	5.204	5.223	VV	34740	367036	8.75% 0.202%
97	5.229	5.223	5.238	VV	28136	233905	5.57% 0.129%
98	5.251	5.238	5.266	VV	36927	473691	11.29% 0.260%
99	5.281	5.266	5.294	VV	41958	498078	11.87% 0.274%
100	5.310	5.294	5.333	VV	39179	704921	16.80% 0.387%
101	5.339	5.333	5.359	VV	25379	341148	8.13% 0.188%
102	5.373	5.359	5.378	VV	21302	218631	5.21% 0.120%
103	5.393	5.378	5.400	VV	45782	472761	11.27% 0.260%
104	5.413	5.400	5.439	VV	73238	960926	22.90% 0.528%
105	5.460	5.439	5.473	VV	31835	478338	11.40% 0.263%
106	5.480	5.473	5.496	VV	25004	301861	7.19% 0.166%
107	5.517	5.496	5.553	VV	26874	745995	17.78% 0.410%
108	5.572	5.553	5.593	VV	84201	1125240	26.82% 0.619%
109	5.604	5.593	5.617	VV	33505	398194	9.49% 0.219%
110	5.621	5.617	5.633	VV	23869	220243	5.25% 0.121%
111	5.650	5.633	5.657	VV	24169	309081	7.37% 0.170%
112	5.687	5.657	5.710	VV	89677	1606705	38.29% 0.883%
113	5.723	5.710	5.750	VV	53864	889465	21.20% 0.489%
114	5.759	5.750	5.769	VV	25710	260365	6.21% 0.143%
115	5.799	5.769	5.822	VV	40342	936385	22.32% 0.515%
116	5.846	5.822	5.866	VV	47011	747070	17.80% 0.411%
117	5.896	5.866	5.916	VV	51722	1068786	25.47% 0.587%
118	5.924	5.916	5.936	VV	32528	357368	8.52% 0.196%
119	5.943	5.936	5.950	VV	26631	218902	5.22% 0.120%
120	5.968	5.950	5.982	VV	39295	638165	15.21% 0.351%
121	5.984	5.982	6.003	VV	34008	359174	8.56% 0.197%
122	6.041	6.003	6.054	VV	45104	1006285	23.98% 0.553%
123	6.073	6.054	6.097	VV	58816	1112746	26.52% 0.612%
124	6.115	6.097	6.139	VV	47625	978253	23.31% 0.538%
125	6.154	6.139	6.165	VV	42676	571465	13.62% 0.314%
126	6.181	6.165	6.194	VV	59495	879113	20.95% 0.483%
127	6.206	6.194	6.231	VV	56604	1059008	25.24% 0.582%
128	6.250	6.231	6.270	VV	67195	1112678	26.52% 0.612%
129	6.302	6.270	6.317	VV	66762	1400275	33.37% 0.770%
130	6.324	6.317	6.337	VV	49113	537081	12.80% 0.295%
131	6.371	6.337	6.419	VV	260173	4097876	97.66% 2.253%
132	6.433	6.419	6.440	VV	34684	402622	9.60% 0.221%
133	6.459	6.440	6.476	VV	44942	838010	19.97% 0.461%
134	6.519	6.476	6.530	VV	51382	1344281	32.04% 0.739%
135	6.541	6.530	6.547	VV	49992	489652	11.67% 0.269%
136	6.562	6.547	6.583	VV	74006	1147581	27.35% 0.631%
137	6.644	6.583	6.666	VV	56073	1985965	47.33% 1.092%
138	6.693	6.666	6.719	VV	72050	1646813	39.25% 0.905%
139	6.728	6.719	6.736	VV	36235	369125	8.80% 0.203%
140	6.768	6.736	6.788	VV	90069	1709782	40.75% 0.940%
141	6.829	6.788	6.850	VV	52183	1510253	35.99% 0.830%

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							Instrument : FID_F	
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Parameters							Manual Integration	
142	6.870	6.850	6.880	VV	52802	831788	19.82%	0.457%
143	6.894	6.880	6.910	VV	62811	958543	22.82%	0.457%
144	6.929	6.910	6.959	VV	68933	1469572	35.82%	0.457%
145	6.997	6.959	7.029	VV	68543	2079637	49.82%	0.457%
							Reviewed By :Yogesh	
							Supervised By :m	
146	7.038	7.029	7.050	VV	37875	461771	11.82%	0.457%
147	7.073	7.050	7.112	VV	238911	3831993	91.82%	0.457%
148	7.129	7.112	7.153	VV	74694	1380846	32.91%	0.759%
149	7.174	7.153	7.190	VV	79932	1287136	30.68%	0.708%
150	7.200	7.190	7.211	VV	46836	536307	12.78%	0.295%
151	7.219	7.211	7.234	VV	44855	584316	13.93%	0.321%
152	7.274	7.234	7.290	VV	74599	1911498	45.56%	1.051%
153	7.297	7.290	7.321	VV	51932	848862	20.23%	0.467%
154	7.341	7.321	7.370	VV	53856	1394162	33.23%	0.766%
155	7.381	7.370	7.414	VV	44732	1083958	25.83%	0.596%
156	7.429	7.414	7.443	VV	44105	686513	16.36%	0.377%
157	7.472	7.443	7.500	VV	70176	1827005	43.54%	1.004%
158	7.517	7.500	7.537	VV	50801	909363	21.67%	0.500%
159	7.555	7.537	7.570	VV	40524	751578	17.91%	0.413%
160	7.584	7.570	7.592	VV	47484	577972	13.77%	0.318%
161	7.606	7.592	7.613	VV	55443	649554	15.48%	0.357%
162	7.631	7.613	7.651	VV	79708	1356173	32.32%	0.745%
163	7.656	7.651	7.664	VV	40960	320249	7.63%	0.176%
164	7.673	7.664	7.693	VV	41849	678652	16.17%	0.373%
165	7.723	7.693	7.742	VV	53591	1223449	29.16%	0.673%
166	7.759	7.742	7.784	VV	47222	1075040	25.62%	0.591%
167	7.805	7.784	7.824	VV	43588	987086	23.52%	0.543%
168	7.869	7.824	7.885	VV	66071	1842854	43.92%	1.013%
169	7.897	7.885	7.939	VV	61079	1594630	38.00%	0.877%
170	7.986	7.939	8.020	VV	224377	4196013	100.00%	2.306%
171	8.034	8.020	8.056	VV	49702	976732	23.28%	0.537%
172	8.086	8.056	8.102	VV	101427	1860513	44.34%	1.023%
173	8.114	8.102	8.135	VV	69231	1123944	26.79%	0.618%
174	8.165	8.135	8.189	VV	271788	3868890	92.20%	2.127%
175	8.200	8.189	8.220	VV	43664	750307	17.88%	0.412%
176	8.257	8.220	8.277	VV	54499	1591173	37.92%	0.875%
177	8.286	8.277	8.303	VV	39217	580694	13.84%	0.319%
178	8.323	8.303	8.339	VV	58232	990501	23.61%	0.544%
179	8.356	8.339	8.367	VV	45339	706290	16.83%	0.388%
180	8.380	8.367	8.397	VV	49736	788786	18.80%	0.434%
181	8.409	8.397	8.424	VV	42131	616377	14.69%	0.339%
182	8.450	8.424	8.480	VV	43467	1269340	30.25%	0.698%
183	8.491	8.480	8.500	VV	32522	374166	8.92%	0.206%
184	8.520	8.500	8.540	VV	58680	1036237	24.70%	0.570%
185	8.554	8.540	8.570	VV	41657	687443	16.38%	0.378%
186	8.581	8.570	8.601	VV	33854	584793	13.94%	0.321%
187	8.622	8.601	8.647	VV	56363	1075095	25.62%	0.591%
188	8.701	8.647	8.725	VV	151997	3014679	71.85%	1.657%
189	8.733	8.725	8.759	VV	32573	606384	14.45%	0.333%
190	8.778	8.759	8.790	VV	36386	607331	14.47%	0.334%
191	8.806	8.790	8.827	VV	41242	803149	19.14%	0.441%
192	8.845	8.827	8.863	VV	43203	793862	18.92%	0.436%
193	8.877	8.863	8.894	VV	32052	550595	13.12%	0.303%
194	8.927	8.894	8.943	VV	43946	1013234	24.15%	0.557%

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195	8.951	8.943	8.959	VV	33325	306253	7.30%	0.168%
196	8.973	8.959	8.989	VV	41993	658364	15.43%	0.264%
197	9.014	8.989	9.050	VV	45948	1150516	27.88%	0.551%
198	9.069	9.050	9.091	VV	32447	664740	18.81%	0.203%
199	9.130	9.091	9.148	VV	37266	963171	22.57%	0.595%
200	9.162	9.148	9.175	VV	28251	393913	9.32%	0.215%
201	9.185	9.175	9.199	VV	24289	330974	7.89%	0.182%
202	9.215	9.199	9.233	VV	24547	479623	11.43%	0.264%
203	9.266	9.233	9.298	VV	35806	1001934	23.88%	0.551%
204	9.311	9.298	9.327	VV	22791	369670	8.81%	0.203%
205	9.355	9.327	9.404	VV	35308	1081790	25.78%	0.595%
206	9.433	9.404	9.463	VV	36626	917334	21.86%	0.504%
207	9.473	9.463	9.485	VV	18549	236872	5.65%	0.130%
208	9.522	9.485	9.544	VV	28259	761838	18.16%	0.419%
209	9.549	9.544	9.569	VV	19080	253885	6.05%	0.140%
210	9.593	9.569	9.654	VV	16556	742589	17.70%	0.408%
211	9.673	9.654	9.695	VV	18418	391261	9.32%	0.215%
212	9.719	9.695	9.737	VV	24158	502873	11.98%	0.276%
213	9.763	9.737	9.810	VV	234155	3007256	71.67%	1.653%
214	9.826	9.810	9.854	VV	15337	375773	8.96%	0.207%
215	9.866	9.854	9.905	VV	15139	388556	9.26%	0.214%
216	9.933	9.905	9.962	VV	13004	376169	8.96%	0.207%
217	9.972	9.962	9.983	VV	10584	131812	3.14%	0.072%
218	9.993	9.983	10.020	VV	10986	220401	5.25%	0.121%
219	10.038	10.020	10.064	VV	10846	252520	6.02%	0.139%
220	10.091	10.064	10.123	VV	10827	331466	7.90%	0.182%
221	10.150	10.123	10.181	VV	37482	691929	16.49%	0.380%
222	10.226	10.181	10.254	VV	11356	425095	10.13%	0.234%
223	10.270	10.254	10.287	VV	9188	169178	4.03%	0.093%
224	10.298	10.287	10.324	VV	9678	173227	4.13%	0.095%
225	10.344	10.324	10.380	VV	7972	231500	5.52%	0.127%
226	10.406	10.380	10.419	VV	7131	158403	3.78%	0.087%
227	10.434	10.419	10.459	VV	7632	165233	3.94%	0.091%
228	10.481	10.459	10.491	VV	8116	135319	3.22%	0.074%
229	10.496	10.491	10.539	VV	7712	201010	4.79%	0.110%
230	10.573	10.539	10.606	VV	34944	621322	14.81%	0.342%
231	10.615	10.606	10.659	VV	6237	173397	4.13%	0.095%
232	10.692	10.659	10.701	VV	4511	107602	2.56%	0.059%
233	10.715	10.701	10.728	VV	4601	71214	1.70%	0.039%
234	10.749	10.728	10.762	VV	5569	102437	2.44%	0.056%
235	10.771	10.762	10.792	VV	5113	83412	1.99%	0.046%
236	10.804	10.792	10.810	VV	4504	47467	1.13%	0.026%
237	10.828	10.810	10.865	VV	4928	140229	3.34%	0.077%
238	10.894	10.865	10.937	VV	5765	177722	4.24%	0.098%
239	10.954	10.937	10.958	VV	3454	41352	0.99%	0.023%
240	10.969	10.958	10.997	VV	3556	74877	1.78%	0.041%
241	11.024	10.997	11.043	VV	3317	87397	2.08%	0.048%
242	11.061	11.043	11.082	VV	3638	73350	1.75%	0.040%
243	11.108	11.082	11.127	VV	2922	75250	1.79%	0.041%
244	11.151	11.127	11.170	VV	3181	76200	1.82%	0.042%
245	11.204	11.170	11.245	VV	210622	2508486	59.78%	1.379%
246	11.294	11.245	11.325	VV	9310	218973	5.22%	0.120%

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247	11.354	11.325	11.382	VV	2293	71053	1.69%	0.039%	
248	11.401	11.382	11.426	VV	2388	52891			
249	11.460	11.426	11.490	VV	2599	82351			
250	11.502	11.490	11.532	VV	2513	57286			
251	11.554	11.532	11.572	VV	3628	63324			
252	11.593	11.572	11.617	VV	3209	75209			
253	11.635	11.617	11.675	VV	4720	97940	2.33%	0.054%	
254	11.699	11.675	11.719	VV	2208	49227	1.17%	0.027%	
255	11.731	11.719	11.746	VV	2021	29789	0.71%	0.016%	
256	11.758	11.746	11.777	VV	1677	28386	0.68%	0.016%	
257	11.803	11.777	11.830	VV	1584	45889	1.09%	0.025%	
258	11.856	11.830	11.899	VV	4119	96828	2.31%	0.053%	
259	11.923	11.899	11.943	VV	6341	94496	2.25%	0.052%	
260	11.963	11.943	11.997	VV	7203	117152	2.79%	0.064%	
261	12.002	11.997	12.017	VV	1422	16649	0.40%	0.009%	
262	12.035	12.017	12.045	VV	1714	26745	0.64%	0.015%	
263	12.051	12.045	12.061	VV	1478	13028	0.31%	0.007%	
264	12.082	12.061	12.090	VV	2152	31258	0.74%	0.017%	
265	12.119	12.090	12.184	VV	41694	712970	16.99%	0.392%	
266	12.199	12.184	12.205	VV	4217	47294	1.13%	0.026%	
267	12.225	12.205	12.252	VV	10295	173126	4.13%	0.095%	
268	12.269	12.252	12.298	VV	5390	98001	2.34%	0.054%	
269	12.303	12.298	12.323	VV	2345	32395	0.77%	0.018%	
270	12.359	12.323	12.408	VV	2915	88298	2.10%	0.049%	
271	12.442	12.408	12.480	VV	3995	91094	2.17%	0.050%	
272	12.513	12.480	12.550	VV	195198	2346130	55.91%	1.290%	
273	12.585	12.550	12.616	VV	6868	125781	3.00%	0.069%	
274	12.637	12.616	12.643	VV	1132	15253	0.36%	0.008%	
275	12.646	12.643	12.648	VV	1030	3415	0.08%	0.002%	
276	12.662	12.648	12.703	VV	1296	32797	0.78%	0.018%	
277	12.745	12.703	12.756	VV	2778	48803	1.16%	0.027%	
278	12.766	12.756	12.794	VV	2579	35222	0.84%	0.019%	
279	12.799	12.794	12.832	VV	660	10677	0.25%	0.006%	
280	12.863	12.832	12.879	VV	878	15820	0.38%	0.009%	
281	12.901	12.879	12.915	VV	2085	27586	0.66%	0.015%	
282	12.940	12.915	12.974	VV	11579	182455	4.35%	0.100%	
283	12.998	12.974	13.024	VV	25521	320296	7.63%	0.176%	
284	13.032	13.024	13.083	VV	1946	31957	0.76%	0.018%	
285	13.102	13.083	13.107	VV	638	7589	0.18%	0.004%	
286	13.136	13.107	13.159	VV	4555	84291	2.01%	0.046%	
287	13.183	13.159	13.250	VV	5871	164320	3.92%	0.090%	
288	13.258	13.250	13.277	VV	1221	17699	0.42%	0.010%	
289	13.286	13.277	13.301	VV	1030	13756	0.33%	0.008%	
290	13.349	13.301	13.380	VV	11633	235764	5.62%	0.130%	
291	13.394	13.380	13.439	VV	2579	74603	1.78%	0.041%	
292	13.447	13.439	13.493	VV	1639	39747	0.95%	0.022%	
293	13.520	13.493	13.542	VV	4596	75848	1.81%	0.042%	
294	13.564	13.542	13.604	VV	3897	78953	1.88%	0.043%	
295	13.606	13.604	13.612	VV	810	4031	0.10%	0.002%	
296	13.643	13.612	13.650	VV	2820	42418	1.01%	0.023%	
297	13.659	13.650	13.678	VV	2958	38494	0.92%	0.021%	
298	13.711	13.678	13.762	VV	184573	2299673	54.81%	1.264%	
299	13.768	13.762	13.792	VV	754	9596	0.23%	0.005%	

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300	13.820	13.792	13.854	VV	549	17039	0.41%	0.009%
301	13.864	13.854	13.885	VV	499	7651		
302	13.890	13.885	13.894	VV	301	1388		
303	13.929	13.894	13.967	VV	507	14069		
304	13.987	13.967	13.994	VV	345	3974		
305	13.997	13.994	14.044	VV	405	6934		
306	14.073	14.044	14.088	VV	595	8782	0.21%	0.005%
307	14.123	14.088	14.127	VV	1004	13581	0.32%	0.007%
308	14.139	14.127	14.144	VV	1141	11045	0.26%	0.006%
309	14.160	14.144	14.178	VV	1299	22725	0.54%	0.012%
310	14.213	14.178	14.248	VV	2966	88527	2.11%	0.049%
311	14.273	14.248	14.305	VV	4324	90649	2.16%	0.050%
312	14.326	14.305	14.357	VV	2245	45831	1.09%	0.025%
313	14.368	14.357	14.385	VV	941	14202	0.34%	0.008%
314	14.391	14.385	14.407	VV	720	8222	0.20%	0.005%
315	14.431	14.407	14.457	VV	915	18451	0.44%	0.010%
316	14.488	14.457	14.544	VV	2103	45914	1.09%	0.025%
317	14.547	14.544	14.567	VV	448	4972	0.12%	0.003%
318	14.608	14.567	14.687	VV	144837	1970306	46.96%	1.083%
319	14.707	14.687	14.717	VV	479	6766	0.16%	0.004%
320	14.734	14.717	14.752	VV	417	7557	0.18%	0.004%
321	14.811	14.752	14.844	VV	178203	2250353	53.63%	1.237%
322	14.855	14.844	14.931	VV	878	16611	0.40%	0.009%
323	14.950	14.931	14.972	VV	117	1703	0.04%	0.001%
324	15.004	14.972	15.054	VV	334	6810	0.16%	0.004%
325	15.101	15.054	15.124	PV	428	7684	0.18%	0.004%
326	15.129	15.124	15.133	VV	149	746	0.02%	0.000%
327	15.208	15.133	15.310	VV	10530	411794	9.81%	0.226%
328	15.347	15.310	15.363	VV	3998	88452	2.11%	0.049%
329	15.375	15.363	15.390	VV	2720	40861	0.97%	0.022%
330	15.399	15.390	15.444	VV	2343	48143	1.15%	0.026%
331	15.457	15.444	15.492	VV	980	20899	0.50%	0.011%
332	15.504	15.492	15.514	VV	581	6567	0.16%	0.004%
333	15.541	15.514	15.607	VV	2237	53006	1.26%	0.029%
334	15.614	15.607	15.665	VV	574	12854	0.31%	0.007%
335	15.706	15.665	15.716	VV	383	7802	0.19%	0.004%
336	15.743	15.716	15.781	VV	945	20223	0.48%	0.011%
337	15.831	15.781	15.879	VV	169327	2202649	52.49%	1.211%
338	15.884	15.879	15.916	VV	470	6610	0.16%	0.004%
339	15.921	15.916	15.937	VV	156	1177	0.03%	0.001%
340	15.971	15.937	15.995	VV	762	13527	0.32%	0.007%
341	16.001	15.995	16.005	VV	226	1113	0.03%	0.001%
342	16.019	16.005	16.024	VV	323	2947	0.07%	0.002%
343	16.029	16.024	16.035	VV	275	1704	0.04%	0.001%
344	16.040	16.035	16.059	VV	273	2808	0.07%	0.002%
345	16.063	16.059	16.079	VV	178	1005	0.02%	0.001%
346	16.084	16.079	16.090	VV	65	279	0.01%	0.000%
347	16.128	16.090	16.192	PV	2584	56044	1.34%	0.031%
348	16.226	16.192	16.264	VV	1513	44697	1.07%	0.025%
349	16.270	16.264	16.290	VV	823	11724	0.28%	0.006%
350	16.312	16.290	16.348	VV	1436	25157	0.60%	0.014%
351	16.355	16.348	16.361	VV	216	1322	0.03%	0.001%

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352	16.391	16.361	16.413	VV	1053	17271	0.41%	0.009%	
353	16.441	16.413	16.493	VV	7778	122425			
354	16.512	16.493	16.569	VV	577	15408			
355	16.579	16.569	16.600	VV	185	2128			
356	16.618	16.600	16.639	VV	266	3765			
357	16.674	16.639	16.710	VV	1103	24570			
358	16.780	16.710	16.811	VV	163529	2187096	52.12%	1.202%	
359	16.828	16.811	16.875	VV	6148	91755	2.19%	0.050%	
360	16.878	16.875	16.884	VV	166	879	0.02%	0.000%	
361	16.901	16.884	16.951	VV	182	4562	0.11%	0.003%	
362	16.956	16.951	16.970	PV	86	437	0.01%	0.000%	
363	17.016	16.970	17.024	VV	314	3582	0.09%	0.002%	
364	17.047	17.024	17.073	VV	371	7527	0.18%	0.004%	
365	17.077	17.073	17.081	VV	65	287	0.01%	0.000%	
366	17.113	17.081	17.133	VV	303	5164	0.12%	0.003%	
367	17.163	17.133	17.192	VV	696	15424	0.37%	0.008%	
368	17.227	17.192	17.274	VV	2748	48413	1.15%	0.027%	
369	17.280	17.274	17.285	VV	136	625	0.01%	0.000%	
370	17.328	17.285	17.363	VV	733	14098	0.34%	0.008%	
371	17.414	17.363	17.432	VV	448	9645	0.23%	0.005%	
372	17.446	17.432	17.466	VV	241	4506	0.11%	0.002%	
373	17.486	17.466	17.527	VV	677	11693	0.28%	0.006%	
374	17.556	17.527	17.588	PV	1379	19890	0.47%	0.011%	
375	17.666	17.588	17.705	PV	152542	2148368	51.20%	1.181%	
376	17.708	17.705	17.714	VV	713	3611	0.09%	0.002%	
377	17.719	17.714	17.722	VV	735	3404	0.08%	0.002%	
378	17.727	17.722	17.742	VV	702	7689	0.18%	0.004%	
379	17.754	17.742	17.802	VV	854	16170	0.39%	0.009%	
380	17.813	17.802	17.835	VV	320	3770	0.09%	0.002%	
381	17.890	17.835	17.917	VV	3201	48947	1.17%	0.027%	
382	17.941	17.917	17.961	VV	801	12344	0.29%	0.007%	
383	17.990	17.961	18.002	VV	971	16106	0.38%	0.009%	
384	18.041	18.002	18.068	VV	5484	135616	3.23%	0.075%	
385	18.086	18.068	18.139	VV	5121	116519	2.78%	0.064%	
386	18.142	18.139	18.147	VV	845	4098	0.10%	0.002%	
387	18.180	18.147	18.250	VV	1778	55554	1.32%	0.031%	
388	18.292	18.250	18.315	VV	565	15225	0.36%	0.008%	
389	18.332	18.315	18.339	VV	302	3538	0.08%	0.002%	
390	18.360	18.339	18.404	VV	335	8753	0.21%	0.005%	
391	18.407	18.404	18.419	VV	159	992	0.02%	0.001%	
392	18.425	18.419	18.439	VV	145	882	0.02%	0.000%	
393	18.497	18.439	18.549	PV	160135	2277902	54.29%	1.252%	
394	18.588	18.549	18.632	VV	1715	54003	1.29%	0.030%	
395	18.653	18.632	18.722	VV	1410	40906	0.97%	0.022%	
396	18.754	18.722	18.791	VV	418	9675	0.23%	0.005%	
397	18.814	18.791	18.828	VV	531	8041	0.19%	0.004%	
398	18.895	18.828	18.952	VV	5662	249006	5.93%	0.137%	
399	18.983	18.952	19.011	VV	1656	47916	1.14%	0.026%	
400	19.040	19.011	19.070	VV	2454	65728	1.57%	0.036%	
401	19.090	19.070	19.116	VV	3574	60668	1.45%	0.033%	
402	19.136	19.116	19.161	VV	924	18719	0.45%	0.010%	
403	19.185	19.161	19.200	VV	815	13752	0.33%	0.008%	
404	19.231	19.200	19.235	VV	981	15677	0.37%	0.009%	

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405	19.280	19.235	19.315	VV	159359	2346415	55.92%	1.290%
406	19.337	19.315	19.359	VV	3506	60556		
407	19.390	19.359	19.429	VV	2260	68471		
408	19.446	19.429	19.504	VV	1183	39315		
409	19.521	19.504	19.527	VV	793	10615		
410	19.564	19.527	19.602	VV	1981	56778		
411	19.649	19.602	19.672	VV	2616	68788	1.64%	0.038%
412	19.685	19.672	19.732	VV	1590	45506	1.08%	0.025%
413	19.754	19.732	19.793	VV	1774	46738	1.11%	0.026%
414	19.802	19.793	19.806	VV	1025	7657	0.18%	0.004%
415	19.899	19.806	19.956	VV	5092	241032	5.74%	0.132%
416	20.018	19.956	20.098	VV	162037	2521967	60.10%	1.386%
417	20.128	20.098	20.142	VV	1892	47432	1.13%	0.026%
418	20.176	20.142	20.221	VV	12350	232415	5.54%	0.128%
419	20.248	20.221	20.299	VV	2334	91319	2.18%	0.050%
420	20.325	20.299	20.343	VV	2599	60209	1.43%	0.033%
421	20.371	20.343	20.439	VV	3392	148200	3.53%	0.081%
422	20.463	20.439	20.489	VV	3004	79263	1.89%	0.044%
423	20.494	20.489	20.497	VV	2350	11139	0.27%	0.006%
424	20.528	20.497	20.587	VV	3159	133491	3.18%	0.073%
425	20.630	20.587	20.640	VV	2194	65279	1.56%	0.036%
426	20.661	20.640	20.686	VV	2378	60563	1.44%	0.033%
427	20.740	20.686	20.840	VV	138650	2517735	60.00%	1.384%
428	20.849	20.840	20.884	VV	2049	49106	1.17%	0.027%
429	20.897	20.884	20.913	VV	1794	30128	0.72%	0.017%
430	20.977	20.913	20.998	VV	1890	89031	2.12%	0.049%
431	21.002	20.998	21.011	VV	1768	14086	0.34%	0.008%
432	21.042	21.011	21.112	VV	2036	105359	2.51%	0.058%
433	21.148	21.112	21.192	VV	2348	81564	1.94%	0.045%
434	21.209	21.192	21.238	VV	1284	32105	0.77%	0.018%
435	21.242	21.238	21.253	VV	964	8591	0.20%	0.005%
436	21.264	21.253	21.276	VV	955	12285	0.29%	0.007%
437	21.307	21.276	21.349	VV	1032	38026	0.91%	0.021%
438	21.355	21.349	21.365	VV	589	5360	0.13%	0.003%
439	21.382	21.365	21.411	VV	645	14316	0.34%	0.008%
440	21.517	21.411	21.551	VV	547	38902	0.93%	0.021%
441	21.615	21.551	21.720	VV	104017	2411805	57.48%	1.326%
442	21.748	21.720	21.781	VV	296	6423	0.15%	0.004%
Sum of corrected areas:					181922728			

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