

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016768.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 21:10
 Sample : Q3661-01MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.920	1.900	1.958	BV	489	7486	0.29%	0.009%
2	1.973	1.958	2.006	PV	543	6787	0.26%	0.009%
3	2.038	2.006	2.118	PV	155250	1606244	62.69%	2.034%
4	2.121	2.118	2.147	VV	189	2528	0.10%	0.003%
5	2.151	2.147	2.163	VV	137	1036	0.04%	0.001%
6	2.167	2.163	2.174	VV	136	527	0.02%	0.001%
7	2.198	2.174	2.207	PV	241	2867	0.11%	0.004%
8	2.217	2.207	2.293	VV	4804	59849	2.34%	0.076%
9	2.312	2.293	2.355	VV	1720	22039	0.86%	0.028%
10	2.369	2.355	2.403	VV	489	7717	0.30%	0.010%
11	2.408	2.403	2.443	VV	103	1480	0.06%	0.002%
12	2.464	2.443	2.477	PV	201	2130	0.08%	0.003%
13	2.485	2.477	2.489	VV	125	619	0.02%	0.001%
14	2.505	2.489	2.527	PV	169	2279	0.09%	0.003%
15	2.535	2.527	2.573	VV	143	1927	0.08%	0.002%
16	2.602	2.597	2.612	VV	104	718	0.03%	0.001%
17	2.618	2.612	2.628	PV	176	950	0.04%	0.001%
18	2.643	2.628	2.658	VV	194	2494	0.10%	0.003%
19	2.661	2.658	2.667	VV	128	653	0.03%	0.001%
20	2.673	2.667	2.702	VV	218	2452	0.10%	0.003%
21	2.715	2.702	2.732	VV	219	2440	0.10%	0.003%
22	2.737	2.732	2.765	VV	159	2132	0.08%	0.003%
23	2.769	2.765	2.777	PV	146	674	0.03%	0.001%
24	2.796	2.777	2.812	VV	193	2737	0.11%	0.003%
25	2.838	2.833	2.859	VV	146	1556	0.06%	0.002%
26	2.878	2.859	2.884	VV	149	1472	0.06%	0.002%
27	2.909	2.884	2.937	VV	222	4886	0.19%	0.006%
28	2.945	2.937	2.953	VV	227	1504	0.06%	0.002%
29	2.955	2.953	2.968	VV	209	1355	0.05%	0.002%
30	2.994	2.968	3.017	VV	253	4904	0.19%	0.006%
31	3.019	3.017	3.023	VV	190	484	0.02%	0.001%
32	3.031	3.023	3.068	VV	219	4044	0.16%	0.005%
33	3.088	3.068	3.121	VV	198	4509	0.18%	0.006%
34	3.125	3.121	3.132	VV	192	1046	0.04%	0.001%
35	3.137	3.132	3.143	VV	207	951	0.04%	0.001%
36	3.148	3.143	3.158	VV	178	1268	0.05%	0.002%

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37	3.165	3.158	3.178	VV	255	2126	0.08%	0.003%
38	3.182	3.178	3.190	VV	186	1132	0.04%	0.001%
39	3.232	3.230	3.251	VV	249	2031	0.08%	0.003%
40	3.258	3.251	3.264	VV	180	1262	0.05%	0.002%
41	3.273	3.264	3.286	VV	154	1519	0.06%	0.002%
42	3.305	3.286	3.319	VV	298	4140	0.16%	0.005%
43	3.334	3.319	3.354	VV	281	4657	0.18%	0.006%
44	3.355	3.354	3.372	VV	213	1578	0.06%	0.002%
45	3.375	3.372	3.389	VV	195	1408	0.05%	0.002%
46	3.394	3.389	3.415	VV	186	2022	0.08%	0.003%
47	3.418	3.415	3.433	VV	200	1529	0.06%	0.002%
48	3.438	3.433	3.445	VV	187	1011	0.04%	0.001%
49	3.450	3.445	3.465	VV	169	1514	0.06%	0.002%
50	3.477	3.465	3.502	VV	217	3617	0.14%	0.005%
51	3.508	3.502	3.520	VV	271	1994	0.08%	0.003%
52	3.522	3.520	3.533	VV	224	1303	0.05%	0.002%
53	3.536	3.533	3.548	VV	153	1064	0.04%	0.001%
54	3.566	3.548	3.579	VV	205	2729	0.11%	0.003%
55	3.608	3.599	3.612	VV	182	1009	0.04%	0.001%
56	3.627	3.612	3.638	VV	234	2389	0.09%	0.003%
57	3.660	3.638	3.685	VV	3733	42203	1.65%	0.053%
58	3.688	3.685	3.692	VV	216	819	0.03%	0.001%
59	3.695	3.692	3.726	VV	236	3362	0.13%	0.004%
60	3.745	3.726	3.750	VV	248	2799	0.11%	0.004%
61	3.754	3.750	3.760	VV	249	1315	0.05%	0.002%
62	3.762	3.760	3.795	VV	285	3266	0.13%	0.004%
63	3.809	3.795	3.828	VV	195	2667	0.10%	0.003%
64	3.833	3.828	3.842	VV	188	858	0.03%	0.001%
65	3.846	3.842	3.858	VV	170	1204	0.05%	0.002%
66	3.863	3.858	3.870	VV	139	680	0.03%	0.001%
67	3.874	3.870	3.882	VV	144	834	0.03%	0.001%
68	3.888	3.882	3.899	VV	180	1419	0.06%	0.002%
69	3.901	3.899	3.915	VV	162	1175	0.05%	0.001%
70	3.940	3.915	3.960	VV	213	3636	0.14%	0.005%
71	3.963	3.960	3.968	VV	194	587	0.02%	0.001%
72	3.972	3.968	3.977	VV	123	502	0.02%	0.001%
73	3.992	3.977	4.012	VV	184	2767	0.11%	0.004%
74	4.030	4.012	4.039	VV	183	2260	0.09%	0.003%
75	4.045	4.039	4.059	VV	180	1407	0.05%	0.002%
76	4.074	4.059	4.096	VV	214	2889	0.11%	0.004%
77	4.113	4.096	4.133	VV	1460	21796	0.85%	0.028%
78	4.142	4.133	4.217	VV	1266	32054	1.25%	0.041%
79	4.218	4.217	4.237	VV	416	3894	0.15%	0.005%
80	4.241	4.237	4.253	VV	241	2202	0.09%	0.003%
81	4.275	4.253	4.316	VV	3573	57283	2.24%	0.073%
82	4.327	4.316	4.350	VV	953	15643	0.61%	0.020%
83	4.354	4.350	4.412	VV	579	15228	0.59%	0.019%
84	4.416	4.412	4.430	VV	296	3070	0.12%	0.004%
85	4.433	4.430	4.441	VV	344	1900	0.07%	0.002%
86	4.445	4.441	4.472	VV	311	4682	0.18%	0.006%
87	4.476	4.472	4.483	VV	271	1558	0.06%	0.002%
88	4.494	4.483	4.506	VV	322	3502	0.14%	0.004%
89	4.510	4.506	4.517	VV	310	1716	0.07%	0.002%

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90	4.530	4.517	4.536	VV	332	3208	0.13%	0.004%
91	4.564	4.536	4.626	VV	177723	1823357	71.17%	2.309%
92	4.639	4.626	4.685	VV	589	14600	0.57%	0.018%
93	4.688	4.685	4.695	VV	358	1912	0.07%	0.002%
94	4.701	4.695	4.712	VV	501	2893	0.11%	0.004%
95	4.732	4.712	4.747	VV	708	9620	0.38%	0.012%
96	4.751	4.747	4.762	VV	342	2389	0.09%	0.003%
97	4.783	4.762	4.833	VV	2590	33215	1.30%	0.042%
98	4.851	4.833	4.860	VV	308	3634	0.14%	0.005%
99	4.876	4.860	4.895	VV	302	4269	0.17%	0.005%
100	4.907	4.895	4.914	VV	211	1822	0.07%	0.002%
101	4.917	4.914	4.932	VV	211	1941	0.08%	0.002%
102	4.938	4.932	4.953	VV	236	2311	0.09%	0.003%
103	4.957	4.953	4.973	VV	207	2214	0.09%	0.003%
104	4.980	4.973	4.998	VV	199	2904	0.11%	0.004%
105	5.001	4.998	5.006	VV	215	959	0.04%	0.001%
106	5.010	5.006	5.014	VV	253	1043	0.04%	0.001%
107	5.018	5.014	5.026	VV	277	1633	0.06%	0.002%
108	5.027	5.026	5.047	VV	285	3020	0.12%	0.004%
109	5.054	5.047	5.064	VV	262	2501	0.10%	0.003%
110	5.069	5.064	5.090	VV	317	3833	0.15%	0.005%
111	5.094	5.090	5.105	VV	241	1999	0.08%	0.003%
112	5.130	5.127	5.148	VV	213	2713	0.11%	0.003%
113	5.150	5.148	5.166	VV	271	2104	0.08%	0.003%
114	5.174	5.166	5.184	VV	208	1700	0.07%	0.002%
115	5.187	5.184	5.202	VV	221	1579	0.06%	0.002%
116	5.223	5.202	5.244	VV	440	7383	0.29%	0.009%
117	5.249	5.244	5.265	VV	207	1772	0.07%	0.002%
118	5.273	5.265	5.277	VV	269	1360	0.05%	0.002%
119	5.285	5.277	5.297	VV	305	2688	0.10%	0.003%
120	5.304	5.297	5.311	VV	251	1794	0.07%	0.002%
121	5.316	5.311	5.325	VV	238	1480	0.06%	0.002%
122	5.329	5.325	5.337	VV	240	1450	0.06%	0.002%
123	5.341	5.337	5.350	VV	230	1415	0.06%	0.002%
124	5.374	5.350	5.383	VV	441	6350	0.25%	0.008%
125	5.453	5.439	5.475	VV	181	2352	0.09%	0.003%
126	5.514	5.475	5.540	VV	1057	16339	0.64%	0.021%
127	5.547	5.540	5.571	VV	324	4333	0.17%	0.005%
128	5.583	5.571	5.607	VV	186	2209	0.09%	0.003%
129	5.621	5.607	5.627	VV	172	1430	0.06%	0.002%
130	5.630	5.627	5.648	VV	161	1364	0.05%	0.002%
131	5.661	5.648	5.690	VV	121	1925	0.08%	0.002%
132	5.708	5.690	5.727	VV	523	6441	0.25%	0.008%
133	5.731	5.727	5.739	VV	195	1071	0.04%	0.001%
134	5.769	5.739	5.800	VV	951	18022	0.70%	0.023%
135	5.820	5.800	5.851	VV	377	8963	0.35%	0.011%
136	5.857	5.851	5.874	VV	237	2340	0.09%	0.003%
137	5.879	5.874	5.885	VV	209	997	0.04%	0.001%
138	5.902	5.885	5.914	VV	217	2649	0.10%	0.003%
139	5.931	5.914	5.936	VV	160	1734	0.07%	0.002%
140	6.026	5.990	6.054	VV	328	6652	0.26%	0.008%
141	6.079	6.054	6.103	VV	384	5634	0.22%	0.007%

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142	6.123	6.103	6.133	VV	195	1968	0.08%	0.002%
143	6.140	6.133	6.163	VV	131	1686	0.07%	0.002%
144	6.168	6.163	6.173	VV	159	747	0.03%	0.001%
145	6.177	6.173	6.207	VV	149	2465	0.10%	0.003%
146	6.226	6.207	6.245	PV	242	4218	0.16%	0.005%
147	6.248	6.245	6.254	VV	216	925	0.04%	0.001%
148	6.338	6.334	6.365	VV	351	5795	0.23%	0.007%
149	6.369	6.365	6.372	VV	345	1210	0.05%	0.002%
150	6.387	6.372	6.415	VV	494	8226	0.32%	0.010%
151	6.428	6.415	6.441	VV	521	6526	0.25%	0.008%
152	6.459	6.441	6.518	VV	784	14299	0.56%	0.018%
153	6.537	6.518	6.556	VV	333	4756	0.19%	0.006%
154	6.583	6.556	6.614	VV	1230	21759	0.85%	0.028%
155	6.623	6.614	6.659	VV	488	8331	0.33%	0.011%
156	6.672	6.659	6.677	VV	197	1756	0.07%	0.002%
157	6.694	6.677	6.710	VV	331	4537	0.18%	0.006%
158	6.743	6.710	6.813	VV	181388	1862353	72.69%	2.358%
159	6.835	6.813	6.935	VV	727	29043	1.13%	0.037%
160	6.939	6.935	6.945	VV	227	1154	0.05%	0.001%
161	6.957	6.945	6.976	VV	343	4324	0.17%	0.005%
162	7.002	6.976	7.010	VV	307	4423	0.17%	0.006%
163	7.014	7.010	7.066	VV	327	5135	0.20%	0.007%
164	7.079	7.066	7.090	VV	144	1267	0.05%	0.002%
165	7.100	7.090	7.137	VV	146	2008	0.08%	0.003%
166	7.154	7.137	7.174	VV	98	1363	0.05%	0.002%
167	7.190	7.174	7.220	VV	133	2242	0.09%	0.003%
168	7.249	7.220	7.269	VV	377	7592	0.30%	0.010%
169	7.274	7.269	7.279	VV	276	1445	0.06%	0.002%
170	7.281	7.279	7.306	VV	276	3473	0.14%	0.004%
171	7.314	7.306	7.337	VV	258	4092	0.16%	0.005%
172	7.344	7.337	7.349	VV	280	1672	0.07%	0.002%
173	7.384	7.349	7.392	VV	383	7879	0.31%	0.010%
174	7.413	7.392	7.457	VV	1226	24222	0.95%	0.031%
175	7.465	7.457	7.497	VV	423	5467	0.21%	0.007%
176	7.500	7.497	7.512	VV	145	1226	0.05%	0.002%
177	7.521	7.512	7.543	VV	256	3257	0.13%	0.004%
178	7.566	7.543	7.597	VV	463	7815	0.31%	0.010%
179	7.601	7.597	7.607	VV	163	891	0.03%	0.001%
180	7.609	7.607	7.629	VV	183	1183	0.05%	0.001%
181	7.634	7.629	7.675	VV	135	2050	0.08%	0.003%
182	7.694	7.675	7.727	VV	424	5364	0.21%	0.007%
183	7.730	7.727	7.744	PV	54	259	0.01%	0.000%
184	7.765	7.744	7.789	VV	212	2712	0.11%	0.003%
185	7.815	7.789	7.839	VV	197	3394	0.13%	0.004%
186	7.845	7.839	7.888	VV	136	2455	0.10%	0.003%
187	7.894	7.888	7.910	VV	76	596	0.02%	0.001%
188	7.916	7.910	7.920	PV	80	269	0.01%	0.000%
189	7.937	7.920	7.946	VV	189	1411	0.06%	0.002%
190	7.981	7.946	8.011	VV	325	6232	0.24%	0.008%
191	8.029	8.011	8.055	VV	172	2277	0.09%	0.003%
192	8.061	8.055	8.072	VV	105	850	0.03%	0.001%
193	8.077	8.072	8.082	VV	113	584	0.02%	0.001%
194	8.086	8.082	8.092	VV	143	589	0.02%	0.001%

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195	8.124	8.092	8.170	VV	498	14956	0.58%	0.019%
196	8.189	8.170	8.207	VV	277	4908	0.19%	0.006%
197	8.211	8.207	8.216	VV	168	803	0.03%	0.001%
198	8.224	8.216	8.245	VV	182	2331	0.09%	0.003%
199	8.267	8.245	8.283	VV	393	5253	0.21%	0.007%
200	8.303	8.283	8.378	VV	367	9339	0.36%	0.012%
201	8.391	8.378	8.395	VV	212	1333	0.05%	0.002%
202	8.402	8.395	8.421	VV	212	2058	0.08%	0.003%
203	8.471	8.421	8.502	PV	311	8049	0.31%	0.010%
204	8.509	8.502	8.532	VV	166	2157	0.08%	0.003%
205	8.576	8.532	8.659	VV	177359	1861096	72.64%	2.356%
206	8.684	8.659	8.712	VV	1111	21369	0.83%	0.027%
207	8.717	8.712	8.722	VV	490	2737	0.11%	0.003%
208	8.727	8.722	8.752	VV	495	6824	0.27%	0.009%
209	8.757	8.752	8.770	VV	338	3278	0.13%	0.004%
210	8.777	8.770	8.791	VV	329	3405	0.13%	0.004%
211	8.813	8.791	8.860	VV	486	11415	0.45%	0.014%
212	8.864	8.860	8.867	VV	218	746	0.03%	0.001%
213	8.871	8.867	8.893	VV	210	2371	0.09%	0.003%
214	8.940	8.893	8.964	VV	779	19113	0.75%	0.024%
215	8.984	8.964	9.040	VV	1007	25886	1.01%	0.033%
216	9.055	9.040	9.100	VV	612	16021	0.63%	0.020%
217	9.113	9.100	9.149	VV	617	11480	0.45%	0.015%
218	9.177	9.149	9.209	VV	427	10142	0.40%	0.013%
219	9.211	9.209	9.232	VV	277	3163	0.12%	0.004%
220	9.235	9.232	9.239	VV	263	883	0.03%	0.001%
221	9.244	9.239	9.250	VV	192	1132	0.04%	0.001%
222	9.266	9.250	9.272	VV	297	2990	0.12%	0.004%
223	9.275	9.272	9.290	VV	281	2276	0.09%	0.003%
224	9.319	9.290	9.365	VV	602	14857	0.58%	0.019%
225	9.369	9.365	9.379	VV	161	1071	0.04%	0.001%
226	9.402	9.379	9.484	VV	1597	30965	1.21%	0.039%
227	9.490	9.484	9.510	VV	209	2193	0.09%	0.003%
228	9.515	9.510	9.534	PV	96	591	0.02%	0.001%
229	9.555	9.534	9.568	VV	128	1547	0.06%	0.002%
230	9.597	9.568	9.615	VV	350	5545	0.22%	0.007%
231	9.642	9.615	9.664	VV	1393	16692	0.65%	0.021%
232	9.680	9.664	9.705	VV	241	2578	0.10%	0.003%
233	9.732	9.705	9.760	VV	4778	63115	2.46%	0.080%
234	9.784	9.760	9.857	VV	25014	300452	11.73%	0.380%
235	9.873	9.857	9.899	VV	687	11530	0.45%	0.015%
236	9.906	9.899	9.930	VV	425	6395	0.25%	0.008%
237	9.935	9.930	9.950	VV	311	2462	0.10%	0.003%
238	9.959	9.950	9.989	VV	277	3190	0.12%	0.004%
239	10.020	9.989	10.026	PV	772	5427	0.21%	0.007%
240	10.051	10.026	10.153	VV	71805	963980	37.63%	1.220%
241	10.184	10.153	10.275	VV	168597	1922744	75.05%	2.434%
242	10.286	10.275	10.319	VV	939	18371	0.72%	0.023%
243	10.322	10.319	10.337	VV	460	4452	0.17%	0.006%
244	10.353	10.337	10.409	VV	442	13503	0.53%	0.017%
245	10.412	10.409	10.425	VV	239	1975	0.08%	0.003%
246	10.431	10.425	10.469	VV	216	4427	0.17%	0.006%

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247	10.490	10.469	10.497	VV	404	4657	0.18%	0.006%
248	10.524	10.497	10.597	VV	11512	155039	6.05%	0.196%
249	10.618	10.597	10.648	VV	475	11100	0.43%	0.014%
250	10.664	10.648	10.685	VV	374	5432	0.21%	0.007%
251	10.710	10.685	10.727	VV	376	4996	0.19%	0.006%
252	10.746	10.727	10.756	VV	202	2066	0.08%	0.003%
253	10.772	10.756	10.783	VV	148	1668	0.07%	0.002%
254	10.786	10.783	10.797	VV	139	740	0.03%	0.001%
255	10.807	10.797	10.816	VV	143	825	0.03%	0.001%
256	10.851	10.816	10.864	PV	437	6125	0.24%	0.008%
257	10.881	10.864	10.900	VV	741	10862	0.42%	0.014%
258	10.904	10.900	10.909	VV	410	1798	0.07%	0.002%
259	10.927	10.909	10.936	VV	1152	13142	0.51%	0.017%
260	10.950	10.936	10.972	VV	2020	27765	1.08%	0.035%
261	10.989	10.972	11.008	VV	763	14549	0.57%	0.018%
262	11.015	11.008	11.039	VV	731	10105	0.39%	0.013%
263	11.051	11.039	11.070	VV	493	7207	0.28%	0.009%
264	11.078	11.070	11.085	VV	350	2632	0.10%	0.003%
265	11.102	11.085	11.129	VV	570	9867	0.39%	0.012%
266	11.150	11.129	11.162	VV	1752	20104	0.78%	0.025%
267	11.181	11.162	11.190	VV	7656	81473	3.18%	0.103%
268	11.201	11.190	11.242	VV	9054	129172	5.04%	0.164%
269	11.261	11.242	11.285	VV	1791	31973	1.25%	0.040%
270	11.299	11.285	11.329	VV	876	15599	0.61%	0.020%
271	11.341	11.329	11.370	VV	665	9783	0.38%	0.012%
272	11.375	11.370	11.390	VV	409	3325	0.13%	0.004%
273	11.396	11.390	11.401	VV	161	838	0.03%	0.001%
274	11.405	11.401	11.414	VV	139	609	0.02%	0.001%
275	11.437	11.414	11.442	VV	439	4274	0.17%	0.005%
276	11.447	11.442	11.470	VV	394	4972	0.19%	0.006%
277	11.489	11.470	11.522	VV	1153	20670	0.81%	0.026%
278	11.536	11.522	11.548	VV	499	6479	0.25%	0.008%
279	11.553	11.548	11.555	VV	351	1478	0.06%	0.002%
280	11.630	11.555	11.681	VV	165686	2011888	78.53%	2.547%
281	11.701	11.681	11.758	VV	7266	117614	4.59%	0.149%
282	11.763	11.758	11.768	VV	487	2841	0.11%	0.004%
283	11.787	11.768	11.803	VV	656	11376	0.44%	0.014%
284	11.824	11.803	11.851	VV	1694	23797	0.93%	0.030%
285	11.880	11.851	11.927	VV	6564	138899	5.42%	0.176%
286	11.943	11.927	11.964	VV	1219	20017	0.78%	0.025%
287	11.987	11.964	12.003	VV	1379	21423	0.84%	0.027%
288	12.035	12.003	12.079	VV	2419	77733	3.03%	0.098%
289	12.102	12.079	12.125	VV	2307	44650	1.74%	0.057%
290	12.156	12.125	12.220	VV	3558	97225	3.79%	0.123%
291	12.242	12.220	12.262	VV	1151	25318	0.99%	0.032%
292	12.317	12.262	12.346	VV	3226	95413	3.72%	0.121%
293	12.362	12.346	12.371	VV	2088	29335	1.14%	0.037%
294	12.400	12.371	12.441	VV	15112	276846	10.81%	0.351%
295	12.461	12.441	12.495	VV	5508	116724	4.56%	0.148%
296	12.509	12.495	12.525	VV	2550	43800	1.71%	0.055%
297	12.562	12.525	12.618	VV	169738	2425487	94.67%	3.071%
298	12.624	12.618	12.644	VV	4891	68484	2.67%	0.087%
299	12.660	12.644	12.666	VV	3872	49344	1.93%	0.062%

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300	12.681	12.666	12.712	VV	4195	102260	3.99%	0.129%
301	12.722	12.712	12.744	VV	3628	64167	2.50%	0.081%
302	12.801	12.744	12.823	VV	4861	176881	6.90%	0.224%
303	12.849	12.823	12.902	VV	6070	232920	9.09%	0.295%
304	12.943	12.902	12.978	VV	164441	2069324	80.77%	2.620%
305	13.003	12.978	13.064	VV	26395	572757	22.36%	0.725%
306	13.087	13.064	13.119	VV	6018	175604	6.85%	0.222%
307	13.151	13.119	13.163	VV	5171	127844	4.99%	0.162%
308	13.184	13.163	13.220	VV	7711	219032	8.55%	0.277%
309	13.227	13.220	13.250	VV	5380	95536	3.73%	0.121%
310	13.263	13.250	13.270	VV	5389	64143	2.50%	0.081%
311	13.301	13.270	13.332	VV	22103	407408	15.90%	0.516%
312	13.358	13.332	13.381	VV	8905	224730	8.77%	0.285%
313	13.401	13.381	13.427	VV	7630	190138	7.42%	0.241%
314	13.433	13.427	13.448	VV	6363	77814	3.04%	0.099%
315	13.490	13.448	13.520	VV	8278	315230	12.30%	0.399%
316	13.572	13.520	13.609	VV	18105	626973	24.47%	0.794%
317	13.624	13.609	13.644	VV	17459	310618	12.12%	0.393%
318	13.648	13.644	13.676	VV	13520	226837	8.85%	0.287%
319	13.683	13.676	13.699	VV	9984	131055	5.12%	0.166%
320	13.719	13.699	13.741	VV	10434	246250	9.61%	0.312%
321	13.788	13.741	13.848	VV	64105	1300914	50.78%	1.647%
322	13.870	13.848	13.878	VV	11109	190936	7.45%	0.242%
323	13.898	13.878	13.931	VV	12449	351276	13.71%	0.445%
324	13.938	13.931	13.944	VV	10000	72500	2.83%	0.092%
325	13.953	13.944	13.957	VV	10209	77328	3.02%	0.098%
326	13.968	13.957	13.980	VV	10467	142761	5.57%	0.181%
327	14.003	13.980	14.025	VV	11815	298204	11.64%	0.378%
328	14.043	14.025	14.059	VV	11584	227829	8.89%	0.288%
329	14.096	14.059	14.113	VV	12674	378736	14.78%	0.480%
330	14.145	14.113	14.183	VV	161044	2347816	91.64%	2.973%
331	14.196	14.183	14.214	VV	12515	223640	8.73%	0.283%
332	14.217	14.214	14.222	VV	11497	57863	2.26%	0.073%
333	14.228	14.222	14.235	VV	11482	85520	3.34%	0.108%
334	14.265	14.235	14.293	VV	13222	415889	16.23%	0.527%
335	14.304	14.293	14.320	VV	11894	191781	7.49%	0.243%
336	14.364	14.320	14.407	VV	13177	607248	23.70%	0.769%
337	14.471	14.442	14.487	VV	13897	334724	13.06%	0.424%
338	14.494	14.487	14.498	VV	11606	74401	2.90%	0.094%
339	14.510	14.498	14.517	VV	11758	131371	5.13%	0.166%
340	14.610	14.587	14.630	VV	12597	315705	12.32%	0.400%
341	14.653	14.630	14.684	VV	12682	380123	14.84%	0.481%
342	14.772	14.760	14.795	VV	11411	234054	9.14%	0.296%
343	14.818	14.795	14.862	VV	13407	455197	17.77%	0.576%
344	14.878	14.862	14.908	VV	11531	291675	11.38%	0.369%
345	14.932	14.908	14.987	VV	11705	475811	18.57%	0.602%
346	15.047	14.987	15.086	VV	99286	1771238	69.13%	2.243%
347	15.105	15.086	15.130	VV	8981	213986	8.35%	0.271%
348	15.135	15.130	15.157	VV	7583	121917	4.76%	0.154%
349	15.189	15.157	15.210	VV	14401	330946	12.92%	0.419%
350	15.252	15.210	15.282	VV	153853	2252335	87.91%	2.852%
351	15.294	15.282	15.328	VV	7399	174900	6.83%	0.221%

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352	15.350	15.328	15.373	VV	6711	153687	6.00%	0.195%
353	15.377	15.373	15.415	VV	5191	118368	4.62%	0.150%
354	15.420	15.415	15.446	VV	4540	81657	3.19%	0.103%
355	15.453	15.446	15.477	VV	4321	77081	3.01%	0.098%
356	15.506	15.477	15.527	VV	4401	124246	4.85%	0.157%
357	15.536	15.527	15.574	VV	4093	103712	4.05%	0.131%
358	15.583	15.574	15.601	VV	3459	53776	2.10%	0.068%
359	15.633	15.601	15.720	VV	54472	1116844	43.59%	1.414%
360	15.730	15.720	15.747	VV	3651	52938	2.07%	0.067%
361	15.791	15.747	15.817	VV	29554	554819	21.66%	0.702%
362	15.842	15.817	15.888	VV	4525	148797	5.81%	0.188%
363	15.902	15.888	15.935	VV	2560	56408	2.20%	0.071%
364	15.952	15.935	15.972	VV	1687	30997	1.21%	0.039%
365	15.998	15.972	16.020	VV	2422	58307	2.28%	0.074%
366	16.030	16.020	16.077	VV	2231	58357	2.28%	0.074%
367	16.095	16.077	16.123	VV	1827	37817	1.48%	0.048%
368	16.155	16.123	16.210	VV	3171	91543	3.57%	0.116%
369	16.238	16.210	16.245	VV	2443	35146	1.37%	0.044%
370	16.276	16.245	16.315	VV	143019	1862069	72.68%	2.358%
371	16.338	16.315	16.364	VV	4444	61845	2.41%	0.078%
372	16.368	16.364	16.385	VV	378	3986	0.16%	0.005%
373	16.398	16.385	16.433	VV	289	4500	0.18%	0.006%
374	16.468	16.433	16.490	PV	720	11679	0.46%	0.015%
375	16.505	16.490	16.529	VV	387	6383	0.25%	0.008%
376	16.572	16.529	16.609	VV	1691	42083	1.64%	0.053%
377	16.650	16.609	16.709	VV	29209	571153	22.29%	0.723%
378	16.758	16.709	16.810	VV	28137	554731	21.65%	0.702%
379	16.837	16.810	16.865	VV	5308	86450	3.37%	0.109%
380	16.888	16.865	16.945	VV	2029	37526	1.46%	0.048%
381	16.963	16.945	16.972	PV	306	3122	0.12%	0.004%
382	16.986	16.972	16.997	VV	345	3421	0.13%	0.004%
383	17.075	16.997	17.101	VV	7121	126423	4.93%	0.160%
384	17.135	17.101	17.171	VV	9850	174804	6.82%	0.221%
385	17.230	17.171	17.261	VV	132624	1931655	75.39%	2.446%
386	17.279	17.261	17.288	VV	7491	88563	3.46%	0.112%
387	17.306	17.288	17.339	VV	17905	249528	9.74%	0.316%
388	17.358	17.339	17.364	VV	299	3215	0.13%	0.004%
389	17.375	17.364	17.403	VV	270	4061	0.16%	0.005%
390	17.421	17.403	17.432	PV	259	2654	0.10%	0.003%
391	17.451	17.432	17.455	VV	323	2669	0.10%	0.003%
392	17.468	17.455	17.475	VV	495	4888	0.19%	0.006%
393	17.503	17.475	17.542	VV	1031	28086	1.10%	0.036%
394	17.597	17.542	17.652	VV	33872	703626	27.46%	0.891%
395	17.682	17.652	17.736	VV	64256	968475	37.80%	1.226%
396	17.764	17.736	17.787	VV	4490	76594	2.99%	0.097%
397	17.797	17.787	17.828	VV	1695	25811	1.01%	0.033%
398	17.848	17.828	17.874	VV	1030	15652	0.61%	0.020%
399	17.894	17.874	17.932	PV	770	16229	0.63%	0.021%
400	17.957	17.932	17.995	VV	924	21027	0.82%	0.027%
401	18.012	17.995	18.022	VV	802	9685	0.38%	0.012%
402	18.057	18.022	18.075	VV	3742	81986	3.20%	0.104%
403	18.122	18.075	18.162	VV	140261	1987137	77.56%	2.516%
404	18.210	18.162	18.278	VV	27884	491931	19.20%	0.623%

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405	18.346	18.278	18.378	VV	6017	175604	6.85%	0.222%
406	18.442	18.378	18.449	VV	5624	135912	5.30%	0.172%
407	18.480	18.449	18.522	VV	64295	1418932	55.38%	1.796%
408	18.545	18.522	18.592	VV	61218	1058024	41.30%	1.340%
409	18.640	18.592	18.662	VV	8583	249208	9.73%	0.316%
410	18.679	18.662	18.738	VV	7959	220323	8.60%	0.279%
411	18.765	18.738	18.792	VV	7551	151016	5.89%	0.191%
412	18.814	18.792	18.825	VV	3418	62408	2.44%	0.079%
413	18.845	18.825	18.877	VV	4119	105177	4.11%	0.133%
414	18.958	18.877	19.013	VV	150770	2562059	100.00%	3.244%
415	19.058	19.013	19.172	VV	29173	876842	34.22%	1.110%
416	19.182	19.172	19.186	VV	3430	29080	1.14%	0.037%
417	19.231	19.186	19.253	VV	10146	246389	9.62%	0.312%
418	19.277	19.253	19.284	VV	7445	124198	4.85%	0.157%
419	19.313	19.284	19.337	VV	43097	863985	33.72%	1.094%
420	19.356	19.337	19.407	VV	41897	978253	38.18%	1.239%
421	19.453	19.407	19.471	VV	10362	350885	13.70%	0.444%
422	19.484	19.471	19.513	VV	9191	191004	7.46%	0.242%
423	19.518	19.513	19.524	VV	5075	32939	1.29%	0.042%
424	19.556	19.524	19.572	VV	6610	167766	6.55%	0.212%
425	19.597	19.572	19.626	VV	10347	266357	10.40%	0.337%
426	19.646	19.626	19.689	VV	9680	252420	9.85%	0.320%
427	19.744	19.689	19.788	VV	141995	2329186	90.91%	2.949%
428	19.801	19.788	19.822	VV	11927	202929	7.92%	0.257%
429	19.853	19.822	19.882	VV	14650	356787	13.93%	0.452%
430	19.910	19.882	19.925	VV	7757	181702	7.09%	0.230%
431	19.936	19.925	19.969	VV	7681	179020	6.99%	0.227%
432	20.118	20.056	20.141	VV	23232	757334	29.56%	0.959%
433	20.148	20.141	20.190	VV	12990	284874	11.12%	0.361%
434	20.215	20.190	20.232	VV	7520	185316	7.23%	0.235%
435	20.322	20.279	20.335	VV	9489	296514	11.57%	0.375%
436	20.360	20.335	20.370	VV	10477	208729	8.15%	0.264%
437	20.392	20.370	20.433	VV	12374	388424	15.16%	0.492%
438	20.487	20.433	20.538	VV	129308	2399535	93.66%	3.038%
439	20.544	20.538	20.547	VV	7319	38716	1.51%	0.049%
440	20.556	20.547	20.562	VV	7427	66179	2.58%	0.084%
441	20.602	20.562	20.617	VV	8848	264892	10.34%	0.335%
442	20.645	20.617	20.678	VV	14560	404679	15.80%	0.512%
443	20.714	20.678	20.739	VV	10716	358363	13.99%	0.454%
444	20.741	20.739	20.794	VV	9148	271567	10.60%	0.344%
445	20.848	20.794	20.877	VV	14629	503645	19.66%	0.638%
446	20.961	20.940	20.965	VV	7599	114201	4.46%	0.145%
447	20.971	20.965	20.990	VV	7480	110499	4.31%	0.140%
448	21.026	20.990	21.054	VV	9111	318953	12.45%	0.404%
449	21.080	21.054	21.088	VV	9037	181927	7.10%	0.230%
450	21.098	21.088	21.127	VV	8789	189498	7.40%	0.240%
451	21.243	21.195	21.316	VV	105251	2226883	86.92%	2.819%
452	21.342	21.316	21.367	VV	4656	138834	5.42%	0.176%
453	21.389	21.367	21.417	VV	4658	133974	5.23%	0.170%
454	21.456	21.417	21.512	VV	4680	251724	9.83%	0.319%
455	21.540	21.512	21.620	VV	4811	276251	10.78%	0.350%
456	21.628	21.620	21.638	VV	3704	37634	1.47%	0.048%

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457	21.719	21.715	21.731	VV	3508	33989	1.33%	0.043%
458	21.736	21.731	21.740	VV	3404	18195	0.71%	0.023%
459	21.791	21.786	21.816	VV	3053	53112	2.07%	0.067%
460	21.823	21.816	21.861	VV	2765	66623	2.60%	0.084%
461	21.867	21.861	21.881	VV	2305	26478	1.03%	0.034%
462	21.886	21.881	21.899	VV	2129	21867	0.85%	0.028%
463	21.918	21.899	21.967	VV	2791	96935	3.78%	0.123%
464	21.997	21.967	22.022	VV	2772	82906	3.24%	0.105%
465	22.025	22.022	22.037	VV	2367	20255	0.79%	0.026%
466	22.041	22.037	22.064	VV	2166	33001	1.29%	0.042%
467	22.082	22.064	22.112	VV	1938	49573	1.93%	0.063%
468	22.184	22.112	22.291	VV	76432	1919563	74.92%	2.430%
469	22.297	22.291	22.300	PBA	160	8767	0.34%	0.011%
					Sum of corrected areas:	78983468		

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