

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072823\
 Data File : FG012575.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 16:38
 Sample : 03737-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.912	1.900	1.922	BV	123	795	0.01%	0.001%
2	1.935	1.922	1.970	VV	336	5253	0.06%	0.004%
3	2.003	1.970	2.106	PV	137469	2168618	26.56%	1.597%
4	2.115	2.106	2.141	VV	328	4944	0.06%	0.004%
5	2.145	2.141	2.173	VV	152	1760	0.02%	0.001%
6	2.177	2.173	2.183	VV	96	444	0.01%	0.000%
7	2.217	2.183	2.248	VV	801	12000	0.15%	0.009%
8	2.252	2.248	2.257	VV	125	548	0.01%	0.000%
9	2.269	2.257	2.294	VV	930	15981	0.20%	0.012%
10	2.307	2.294	2.366	VV	1646	30762	0.38%	0.023%
11	2.384	2.366	2.456	VV	1249	29126	0.36%	0.021%
12	2.461	2.456	2.472	VV	131	1011	0.01%	0.001%
13	2.489	2.472	2.508	VV	250	3967	0.05%	0.003%
14	2.516	2.508	2.522	VV	148	965	0.01%	0.001%
15	2.539	2.522	2.556	VV	228	3358	0.04%	0.002%
16	2.579	2.556	2.622	VV	350	6869	0.08%	0.005%
17	2.626	2.622	2.639	VV	88	582	0.01%	0.000%
18	2.644	2.639	2.655	PV	81	487	0.01%	0.000%
19	2.661	2.655	2.666	VV	100	355	0.00%	0.000%
20	2.686	2.666	2.693	VV	160	1973	0.02%	0.001%
21	2.697	2.693	2.702	VV	185	779	0.01%	0.001%
22	2.705	2.702	2.724	VV	189	1911	0.02%	0.001%
23	2.748	2.724	2.753	VV	185	2367	0.03%	0.002%
24	2.756	2.753	2.767	VV	182	848	0.01%	0.001%
25	2.774	2.767	2.788	VV	92	739	0.01%	0.001%
26	2.830	2.788	2.869	VV	266	7654	0.09%	0.006%
27	2.874	2.869	2.892	VV	120	1160	0.01%	0.001%
28	2.928	2.892	2.953	VV	584	12934	0.16%	0.010%
29	2.957	2.953	3.004	VV	469	10141	0.12%	0.007%
30	3.020	3.004	3.024	VV	298	2905	0.04%	0.002%
31	3.028	3.024	3.067	VV	286	5794	0.07%	0.004%

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32	3.075	3.067	3.082	VV	273	2208	0.03%	0.002%
33	3.085	3.082	3.101	VV	284	2470	0.03%	0.002%
34	3.105	3.101	3.113	VV	199	1195	0.01%	0.001%
35	3.116	3.113	3.155	VV	173	3401	0.04%	0.003%
36	3.159	3.155	3.173	VV	178	1376	0.02%	0.001%
37	3.192	3.173	3.202	VV	138	2094	0.03%	0.002%
38	3.227	3.202	3.244	VV	192	3432	0.04%	0.003%
39	3.265	3.244	3.277	VV	273	3877	0.05%	0.003%
40	3.283	3.277	3.295	VV	183	1478	0.02%	0.001%
41	3.300	3.295	3.311	VV	147	1122	0.01%	0.001%
42	3.317	3.311	3.345	VV	160	2118	0.03%	0.002%
43	3.354	3.345	3.360	VV	119	667	0.01%	0.000%
44	3.368	3.360	3.378	VV	124	878	0.01%	0.001%
45	3.385	3.378	3.390	PV	109	467	0.01%	0.000%
46	3.395	3.390	3.405	VV	92	462	0.01%	0.000%
47	3.416	3.405	3.420	VV	118	438	0.01%	0.000%
48	3.433	3.420	3.444	VV	106	901	0.01%	0.001%
49	3.462	3.444	3.494	VV	218	4335	0.05%	0.003%
50	3.508	3.494	3.519	VV	160	2006	0.02%	0.001%
51	3.524	3.519	3.528	VV	155	590	0.01%	0.000%
52	3.549	3.528	3.561	VV	215	2786	0.03%	0.002%
53	3.580	3.561	3.585	VV	161	1744	0.02%	0.001%
54	3.614	3.585	3.641	VV	2002	25146	0.31%	0.019%
55	3.647	3.641	3.659	VV	190	1478	0.02%	0.001%
56	3.664	3.659	3.670	VV	193	910	0.01%	0.001%
57	3.676	3.670	3.684	VV	150	1186	0.01%	0.001%
58	3.686	3.684	3.695	VV	153	801	0.01%	0.001%
59	3.698	3.695	3.711	VV	150	1181	0.01%	0.001%
60	3.723	3.711	3.727	VV	181	1252	0.02%	0.001%
61	3.732	3.727	3.744	VV	217	1645	0.02%	0.001%
62	3.748	3.744	3.755	VV	158	782	0.01%	0.001%
63	3.764	3.755	3.785	VV	213	2962	0.04%	0.002%
64	3.796	3.785	3.804	VV	162	1521	0.02%	0.001%
65	3.825	3.804	3.830	VV	140	1521	0.02%	0.001%
66	3.834	3.830	3.843	VV	116	725	0.01%	0.001%
67	3.847	3.843	3.851	VV	147	456	0.01%	0.000%
68	3.859	3.851	3.868	VV	150	1270	0.02%	0.001%
69	3.872	3.868	3.883	VV	167	1234	0.02%	0.001%
70	3.893	3.883	3.902	VV	171	1446	0.02%	0.001%
71	3.906	3.902	3.921	VV	98	683	0.01%	0.001%
72	3.931	3.921	3.945	VV	88	921	0.01%	0.001%
73	3.954	3.945	3.966	VV	164	1151	0.01%	0.001%
74	3.970	3.966	3.976	VV	102	345	0.00%	0.000%
75	3.980	3.976	3.984	VV	94	241	0.00%	0.000%
76	3.991	3.984	3.997	PV	86	502	0.01%	0.000%
77	4.003	3.997	4.027	VV	92	1151	0.01%	0.001%
78	4.032	4.027	4.041	VV	106	516	0.01%	0.000%
79	4.101	4.041	4.124	VV	1962	32826	0.40%	0.024%

80	4.139	4.124	4.221	VV	1672	49735	0.61%	0.037%
81	4.240	4.221	4.281	VV	391	11720	0.14%	0.009%
82	4.300	4.281	4.319	VV	394	6879	0.08%	0.005%
83	4.331	4.319	4.335	VV	368	2891	0.04%	0.002%
84	4.339	4.335	4.344	VV	375	1729	0.02%	0.001%
85	4.349	4.344	4.357	VV	328	2375	0.03%	0.002%
86	4.367	4.357	4.404	VV	376	7749	0.09%	0.006%
87	4.408	4.404	4.414	VV	217	1071	0.01%	0.001%
88	4.430	4.414	4.435	VV	220	2310	0.03%	0.002%
89	4.451	4.435	4.457	VV	235	2582	0.03%	0.002%
90	4.463	4.457	4.476	VV	221	1939	0.02%	0.001%
91	4.512	4.476	4.583	VV	240049	2541344	31.13%	1.872%
92	4.591	4.583	4.603	VV	671	7394	0.09%	0.005%
93	4.607	4.603	4.617	VV	633	5061	0.06%	0.004%
94	4.625	4.617	4.672	VV	606	13333	0.16%	0.010%
95	4.691	4.672	4.705	VV	1251	15611	0.19%	0.011%
96	4.717	4.705	4.759	VV	886	25287	0.31%	0.019%
97	4.793	4.759	4.838	VV	753	29925	0.37%	0.022%
98	4.845	4.838	4.869	VV	525	7748	0.09%	0.006%
99	4.904	4.869	4.922	VV	515	13483	0.17%	0.010%
100	4.926	4.922	4.934	VV	478	3002	0.04%	0.002%
101	4.939	4.934	4.948	VV	453	3423	0.04%	0.003%
102	4.953	4.948	4.961	VV	389	2801	0.03%	0.002%
103	4.978	4.961	5.000	VV	463	9459	0.12%	0.007%
104	5.004	5.000	5.012	VV	389	2488	0.03%	0.002%
105	5.021	5.012	5.047	VV	424	6558	0.08%	0.005%
106	5.071	5.047	5.117	VV	483	13080	0.16%	0.010%
107	5.125	5.117	5.133	VV	224	2021	0.02%	0.001%
108	5.144	5.133	5.159	VV	214	2847	0.03%	0.002%
109	5.180	5.159	5.209	VV	478	8933	0.11%	0.007%
110	5.221	5.209	5.238	VV	321	4485	0.05%	0.003%
111	5.259	5.238	5.284	VV	424	9267	0.11%	0.007%
112	5.295	5.284	5.300	VV	268	2220	0.03%	0.002%
113	5.304	5.300	5.321	VV	228	2285	0.03%	0.002%
114	5.358	5.321	5.389	VV	451	11881	0.15%	0.009%
115	5.394	5.389	5.412	VV	316	3482	0.04%	0.003%
116	5.420	5.412	5.429	VV	218	2036	0.02%	0.001%
117	5.466	5.429	5.517	VV	993	22267	0.27%	0.016%
118	5.533	5.517	5.540	VV	250	2747	0.03%	0.002%
119	5.543	5.540	5.576	VV	212	3177	0.04%	0.002%
120	5.585	5.576	5.593	VV	161	1399	0.02%	0.001%
121	5.597	5.593	5.611	VV	151	1097	0.01%	0.001%
122	5.614	5.611	5.621	VV	110	419	0.01%	0.000%
123	5.651	5.621	5.683	VV	841	11752	0.14%	0.009%
124	5.689	5.683	5.713	VV	189	1970	0.02%	0.001%
125	5.733	5.713	5.760	VV	711	9669	0.12%	0.007%
126	5.775	5.760	5.790	VV	226	3190	0.04%	0.002%

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127	5.816	5.790	5.836	VV	445	6404	0.08%	0.005%
128	5.852	5.836	5.868	VV	195	2657	0.03%	0.002%
129	5.877	5.868	5.885	VV	69	653	0.01%	0.000%
130	5.917	5.885	5.974	VV	798	17151	0.21%	0.013%
131	5.978	5.974	6.001	VV	160	2021	0.02%	0.001%
132	6.021	6.001	6.038	VV	245	3157	0.04%	0.002%
133	6.043	6.038	6.061	VV	95	893	0.01%	0.001%
134	6.071	6.061	6.077	VV	90	476	0.01%	0.000%
135	6.081	6.077	6.086	PV	69	178	0.00%	0.000%
136	6.110	6.086	6.158	VV	767	15105	0.19%	0.011%
137	6.165	6.158	6.169	VV	193	1100	0.01%	0.001%
138	6.177	6.169	6.197	VV	185	2464	0.03%	0.002%
139	6.204	6.197	6.209	VV	134	932	0.01%	0.001%
140	6.231	6.209	6.244	VV	1243	15432	0.19%	0.011%
141	6.255	6.244	6.276	VV	1038	17508	0.21%	0.013%
142	6.291	6.276	6.317	VV	845	17809	0.22%	0.013%
143	6.329	6.317	6.365	VV	748	17383	0.21%	0.013%
144	6.393	6.365	6.412	VV	644	15154	0.19%	0.011%
145	6.420	6.412	6.432	VV	404	4126	0.05%	0.003%
146	6.440	6.432	6.445	VV	305	2151	0.03%	0.002%
147	6.460	6.445	6.473	VV	301	4256	0.05%	0.003%
148	6.490	6.473	6.506	VV	311	4837	0.06%	0.004%
149	6.530	6.506	6.541	VV	564	8814	0.11%	0.006%
150	6.564	6.541	6.571	VV	513	7749	0.09%	0.006%
151	6.573	6.571	6.596	VV	506	5677	0.07%	0.004%
152	6.608	6.596	6.620	VV	340	4278	0.05%	0.003%
153	6.625	6.620	6.631	VV	331	1959	0.02%	0.001%
154	6.682	6.631	6.748	VV	253462	2555836	31.31%	1.883%
155	6.764	6.748	6.804	VV	701	17253	0.21%	0.013%
156	6.809	6.804	6.818	VV	394	2989	0.04%	0.002%
157	6.833	6.818	6.889	VV	510	12274	0.15%	0.009%
158	6.904	6.889	6.908	VV	175	1701	0.02%	0.001%
159	6.913	6.908	6.927	VV	218	1670	0.02%	0.001%
160	6.935	6.927	6.949	VV	153	1448	0.02%	0.001%
161	6.953	6.949	6.957	VV	120	396	0.00%	0.000%
162	6.971	6.957	6.999	VV	338	4150	0.05%	0.003%
163	7.019	6.999	7.030	PV	203	2342	0.03%	0.002%
164	7.044	7.030	7.047	VV	155	1332	0.02%	0.001%
165	7.052	7.047	7.067	VV	166	1414	0.02%	0.001%
166	7.093	7.067	7.113	VV	267	3946	0.05%	0.003%
167	7.122	7.113	7.146	VV	115	1602	0.02%	0.001%
168	7.149	7.146	7.162	VV	115	672	0.01%	0.000%
169	7.190	7.162	7.247	VV	1090	26402	0.32%	0.019%
170	7.251	7.247	7.273	VV	400	4694	0.06%	0.003%
171	7.279	7.273	7.286	VV	256	1870	0.02%	0.001%
172	7.327	7.286	7.349	VV	678	15144	0.19%	0.011%
173	7.364	7.349	7.400	VV	530	11896	0.15%	0.009%
174	7.404	7.400	7.420	VV	335	2907	0.04%	0.002%

175	7.424	7.420	7.439	VV	211	1638	0.02%	0.001%
176	7.460	7.439	7.482	VV	740	10464	0.13%	0.008%
177	7.502	7.482	7.519	VV	467	7568	0.09%	0.006%
178	7.532	7.519	7.566	VV	286	5635	0.07%	0.004%
179	7.571	7.566	7.590	VV	166	2028	0.02%	0.001%
180	7.597	7.590	7.604	VV	109	700	0.01%	0.001%
181	7.628	7.604	7.648	VV	770	8686	0.11%	0.006%
182	7.655	7.648	7.673	VV	155	1233	0.02%	0.001%
183	7.697	7.673	7.743	PV	503	9616	0.12%	0.007%
184	7.770	7.743	7.832	VV	485	12820	0.16%	0.009%
185	7.838	7.832	7.842	VV	76	266	0.00%	0.000%
186	7.846	7.842	7.850	VV	70	251	0.00%	0.000%
187	7.873	7.850	7.897	VV	202	3490	0.04%	0.003%
188	7.918	7.897	7.956	VV	557	8398	0.10%	0.006%
189	7.959	7.956	7.963	VV	60	191	0.00%	0.000%
190	7.983	7.963	7.987	VV	73	713	0.01%	0.001%
191	8.005	7.987	8.011	VV	162	1754	0.02%	0.001%
192	8.014	8.011	8.020	VV	162	777	0.01%	0.001%
193	8.023	8.020	8.028	VV	139	545	0.01%	0.000%
194	8.065	8.028	8.071	VV	774	10546	0.13%	0.008%
195	8.084	8.071	8.101	VV	988	14365	0.18%	0.011%
196	8.110	8.101	8.153	VV	721	16856	0.21%	0.012%
197	8.165	8.153	8.189	VV	539	9181	0.11%	0.007%
198	8.199	8.189	8.213	VV	538	6179	0.08%	0.005%
199	8.225	8.213	8.230	VV	411	3690	0.05%	0.003%
200	8.249	8.230	8.282	VV	682	14425	0.18%	0.011%
201	8.290	8.282	8.303	VV	239	1946	0.02%	0.001%
202	8.332	8.303	8.359	VV	625	12609	0.15%	0.009%
203	8.408	8.359	8.424	VV	760	20534	0.25%	0.015%
204	8.438	8.424	8.455	VV	1016	13565	0.17%	0.010%
205	8.473	8.455	8.479	VV	887	10443	0.13%	0.008%
206	8.511	8.479	8.548	VV	233532	2442675	29.92%	1.799%
207	8.575	8.548	8.607	VV	39138	456683	5.59%	0.336%
208	8.623	8.607	8.657	VV	4654	89764	1.10%	0.066%
209	8.662	8.657	8.696	VV	1744	31961	0.39%	0.024%
210	8.710	8.696	8.728	VV	1198	18840	0.23%	0.014%
211	8.745	8.728	8.821	VV	1819	42264	0.52%	0.031%
212	8.842	8.821	8.847	VV	605	7450	0.09%	0.005%
213	8.868	8.847	8.881	VV	1087	18183	0.22%	0.013%
214	8.895	8.881	8.902	VV	1205	13842	0.17%	0.010%
215	8.919	8.902	8.952	VV	3802	59639	0.73%	0.044%
216	8.966	8.952	8.981	VV	1106	17136	0.21%	0.013%
217	8.994	8.981	9.016	VV	1293	22911	0.28%	0.017%
218	9.025	9.016	9.034	VV	883	9115	0.11%	0.007%
219	9.052	9.034	9.059	VV	1148	14650	0.18%	0.011%
220	9.069	9.059	9.122	VV	1145	24104	0.30%	0.018%
221	9.160	9.122	9.181	VV	1147	22883	0.28%	0.017%

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222	9.203	9.181	9.219	VV	1780	27494	0.34%	0.020%
223	9.254	9.219	9.288	VV	2910	72847	0.89%	0.054%
224	9.303	9.288	9.315	VV	807	11847	0.15%	0.009%
225	9.337	9.315	9.352	VV	2001	30089	0.37%	0.022%
226	9.360	9.352	9.406	VV	1289	30103	0.37%	0.022%
227	9.424	9.406	9.458	VV	657	11991	0.15%	0.009%
228	9.491	9.458	9.503	PV	543	6672	0.08%	0.005%
229	9.526	9.503	9.535	VV	546	8093	0.10%	0.006%
230	9.540	9.535	9.558	VV	446	5380	0.07%	0.004%
231	9.573	9.558	9.592	VV	706	9616	0.12%	0.007%
232	9.599	9.592	9.613	VV	227	2534	0.03%	0.002%
233	9.627	9.613	9.655	VV	410	6077	0.07%	0.004%
234	9.677	9.655	9.695	PV	2202	29694	0.36%	0.022%
235	9.714	9.695	9.747	VV	3346	57669	0.71%	0.042%
236	9.759	9.747	9.772	VV	800	9992	0.12%	0.007%
237	9.785	9.772	9.820	VV	866	17911	0.22%	0.013%
238	9.846	9.820	9.850	VV	1192	14274	0.17%	0.011%
239	9.861	9.850	9.879	VV	1400	18503	0.23%	0.014%
240	9.896	9.879	9.932	VV	1651	23305	0.29%	0.017%
241	9.952	9.932	9.968	VV	1269	15274	0.19%	0.011%
242	9.993	9.968	10.016	VV	503	8533	0.10%	0.006%
243	10.039	10.016	10.045	VV	1279	13593	0.17%	0.010%
244	10.056	10.045	10.087	VV	1491	20433	0.25%	0.015%
245	10.119	10.087	10.163	VV	221681	2472970	30.29%	1.822%
246	10.185	10.163	10.208	VV	1392	30967	0.38%	0.023%
247	10.224	10.208	10.250	VV	957	14950	0.18%	0.011%
248	10.278	10.250	10.330	VV	1403	27693	0.34%	0.020%
249	10.339	10.330	10.350	VV	120	892	0.01%	0.001%
250	10.371	10.350	10.380	VV	654	6785	0.08%	0.005%
251	10.392	10.380	10.407	VV	842	9491	0.12%	0.007%
252	10.423	10.407	10.442	VV	675	9543	0.12%	0.007%
253	10.456	10.442	10.477	VV	357	4481	0.05%	0.003%
254	10.502	10.477	10.528	VV	1216	18132	0.22%	0.013%
255	10.550	10.528	10.575	PV	1110	20037	0.25%	0.015%
256	10.601	10.575	10.622	VV	1493	26132	0.32%	0.019%
257	10.647	10.622	10.687	VV	7853	102130	1.25%	0.075%
258	10.708	10.687	10.747	VV	14163	184677	2.26%	0.136%
259	10.769	10.747	10.785	VV	17187	205950	2.52%	0.152%
260	10.798	10.785	10.810	VV	10149	120336	1.47%	0.089%
261	10.823	10.810	10.826	VV	9266	80730	0.99%	0.059%
262	10.838	10.826	10.872	VV	11084	165862	2.03%	0.122%
263	10.905	10.872	10.913	VV	7664	109959	1.35%	0.081%
264	10.929	10.913	10.947	VV	10586	154476	1.89%	0.114%
265	10.964	10.947	10.977	VV	15010	178452	2.19%	0.131%
266	10.983	10.977	11.006	VV	9421	99744	1.22%	0.073%
267	11.029	11.006	11.054	VV	19151	232379	2.85%	0.171%
268	11.084	11.054	11.100	VV	15660	216596	2.65%	0.160%
269	11.118	11.100	11.176	VV	36930	552722	6.77%	0.407%

270	11.197	11.176	11.225	VV	rteres 9651	136862	1.68%	0.101%
271	11.247	11.225	11.265	VV	1906	36369	0.45%	0.027%
272	11.281	11.265	11.300	VV	1766	25471	0.31%	0.019%
273	11.322	11.300	11.334	VV	1608	24885	0.30%	0.018%
274	11.346	11.334	11.353	VV	1115	11841	0.15%	0.009%
275	11.368	11.353	11.395	VV	2008	27803	0.34%	0.020%
276	11.426	11.395	11.460	VV	2666	51018	0.62%	0.038%
277	11.495	11.460	11.512	VV	1188	21050	0.26%	0.016%
278	11.564	11.512	11.620	VV	222538	2678457	32.81%	1.973%
279	11.641	11.620	11.681	VV	7564	136792	1.68%	0.101%
280	11.720	11.681	11.735	VV	2036	36152	0.44%	0.027%
281	11.756	11.735	11.781	VV	5460	73861	0.90%	0.054%
282	11.807	11.781	11.857	VV	19311	321115	3.93%	0.237%
283	11.875	11.857	11.901	VV	4443	69490	0.85%	0.051%
284	11.923	11.901	11.940	VV	5410	68325	0.84%	0.050%
285	11.960	11.940	11.989	VV	9333	150116	1.84%	0.111%
286	11.994	11.989	12.009	VV	1924	18162	0.22%	0.013%
287	12.038	12.009	12.059	VV	7175	113398	1.39%	0.084%
288	12.085	12.059	12.131	VV	9298	193918	2.38%	0.143%
289	12.149	12.131	12.161	VV	2697	30344	0.37%	0.022%
290	12.174	12.161	12.197	VV	2206	26638	0.33%	0.020%
291	12.234	12.197	12.242	VV	4622	62706	0.77%	0.046%
292	12.253	12.242	12.275	VV	5208	74123	0.91%	0.055%
293	12.289	12.275	12.295	VV	2768	29330	0.36%	0.022%
294	12.336	12.295	12.355	VV	7256	169581	2.08%	0.125%
295	12.372	12.355	12.386	VV	9736	129032	1.58%	0.095%
296	12.396	12.386	12.427	VV	7119	95182	1.17%	0.070%
297	12.432	12.427	12.442	VV	954	7389	0.09%	0.005%
298	12.493	12.442	12.562	VV	107980	1508253	18.47%	1.111%
299	12.588	12.562	12.639	VV	4056	119898	1.47%	0.088%
300	12.646	12.639	12.678	VV	1860	36454	0.45%	0.027%
301	12.695	12.678	12.708	VV	2746	36678	0.45%	0.027%
302	12.733	12.708	12.751	VV	2649	46998	0.58%	0.035%
303	12.791	12.751	12.809	VV	4282	97068	1.19%	0.071%
304	12.822	12.809	12.843	VV	4055	56147	0.69%	0.041%
305	12.875	12.843	12.916	VV	207537	2508383	30.73%	1.848%
306	12.941	12.916	13.001	VV	70581	864153	10.59%	0.637%
307	13.023	13.001	13.050	VV	3052	60468	0.74%	0.045%
308	13.060	13.050	13.074	VV	1702	17986	0.22%	0.013%
309	13.093	13.074	13.102	VV	1778	23602	0.29%	0.017%
310	13.128	13.102	13.154	VV	4214	77983	0.96%	0.057%
311	13.174	13.154	13.212	VV	1748	35745	0.44%	0.026%
312	13.239	13.212	13.276	PV	56919	689935	8.45%	0.508%
313	13.297	13.276	13.314	VV	6633	93466	1.14%	0.069%
314	13.332	13.314	13.383	VV	5587	113453	1.39%	0.084%
315	13.390	13.383	13.400	VV	1001	9414	0.12%	0.007%
316	13.418	13.400	13.442	VV	2805	40047	0.49%	0.029%

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317	13.506	13.442	13.539	VV	18719	460985	5.65%	0.340%
318	13.559	13.539	13.578	VV	18305	279208	3.42%	0.206%
319	13.592	13.578	13.628	VV	12270	245036	3.00%	0.180%
320	13.643	13.628	13.680	VV	4277	93574	1.15%	0.069%
321	13.720	13.680	13.780	VV	20263	360258	4.41%	0.265%
322	13.834	13.780	13.880	VV	8624	192939	2.36%	0.142%
323	13.900	13.880	13.918	VV	1364	23381	0.29%	0.017%
324	13.940	13.918	13.963	VV	5533	87078	1.07%	0.064%
325	13.982	13.963	14.004	VV	5065	87325	1.07%	0.064%
326	14.017	14.004	14.042	VV	3833	61761	0.76%	0.045%
327	14.074	14.042	14.135	VV	200856	2487545	30.47%	1.832%
328	14.152	14.135	14.174	VV	3239	47430	0.58%	0.035%
329	14.179	14.174	14.184	VV	943	5201	0.06%	0.004%
330	14.192	14.184	14.200	VV	939	7587	0.09%	0.006%
331	14.235	14.200	14.261	VV	1665	41732	0.51%	0.031%
332	14.290	14.261	14.298	VV	3137	45990	0.56%	0.034%
333	14.316	14.298	14.346	VV	3216	67921	0.83%	0.050%
334	14.360	14.346	14.387	VV	1676	25146	0.31%	0.019%
335	14.398	14.387	14.403	VV	224	1365	0.02%	0.001%
336	14.460	14.403	14.491	PV	17204	283834	3.48%	0.209%
337	14.505	14.491	14.530	VV	5854	108010	1.32%	0.080%
338	14.552	14.530	14.567	VV	6121	110412	1.35%	0.081%
339	14.586	14.567	14.613	VV	6679	123277	1.51%	0.091%
340	14.634	14.613	14.657	VV	8442	129142	1.58%	0.095%
341	14.674	14.657	14.689	VV	3615	51675	0.63%	0.038%
342	14.699	14.689	14.717	VV	2754	32725	0.40%	0.024%
343	14.753	14.717	14.789	VV	6655	166316	2.04%	0.123%
344	14.812	14.789	14.844	VV	7447	134286	1.64%	0.099%
345	14.863	14.844	14.879	VV	3857	59611	0.73%	0.044%
346	14.894	14.879	14.914	VV	4300	70805	0.87%	0.052%
347	14.925	14.914	14.942	VV	3026	40838	0.50%	0.030%
348	14.974	14.942	15.048	VV	93628	1301138	15.94%	0.958%
349	15.087	15.048	15.100	VV	2717	44668	0.55%	0.033%
350	15.126	15.100	15.142	VV	28136	382140	4.68%	0.281%
351	15.178	15.142	15.208	VV	189756	2934383	35.94%	2.161%
352	15.224	15.208	15.259	VV	6558	94592	1.16%	0.070%
353	15.288	15.259	15.343	VV	5442	140600	1.72%	0.104%
354	15.350	15.343	15.357	VV	1441	10023	0.12%	0.007%
355	15.365	15.357	15.369	VV	1156	7648	0.09%	0.006%
356	15.374	15.369	15.378	VV	1206	5767	0.07%	0.004%
357	15.385	15.378	15.413	VV	1042	14873	0.18%	0.011%
358	15.446	15.413	15.462	VV	4531	70965	0.87%	0.052%
359	15.477	15.462	15.514	VV	2683	48285	0.59%	0.036%
360	15.518	15.514	15.525	VV	432	1789	0.02%	0.001%
361	15.531	15.525	15.537	PV	328	1129	0.01%	0.001%
362	15.567	15.537	15.650	VV	32101	731630	8.96%	0.539%
363	15.655	15.650	15.671	VV	1848	14385	0.18%	0.011%
364	15.701	15.671	15.707	VV	8147	91873	1.13%	0.068%

365	15.715	15.707	15.735	VV	rteres 8824	101655	1.25%	0.075%
366	15.767	15.735	15.788	VV	15057	253247	3.10%	0.187%
367	15.803	15.788	15.825	VV	6937	97185	1.19%	0.072%
368	15.840	15.825	15.875	VV	3374	49696	0.61%	0.037%
369	15.888	15.875	15.897	VV	858	8316	0.10%	0.006%
370	15.915	15.897	15.929	VV	1555	22603	0.28%	0.017%
371	15.963	15.929	16.008	VV	3202	110606	1.35%	0.081%
372	16.013	16.008	16.022	VV	1682	13309	0.16%	0.010%
373	16.043	16.022	16.065	VV	1874	34925	0.43%	0.026%
374	16.095	16.065	16.117	VV	1850	39126	0.48%	0.029%
375	16.129	16.117	16.146	VV	1466	19219	0.24%	0.014%
376	16.162	16.146	16.172	VV	2180	24703	0.30%	0.018%
377	16.202	16.172	16.239	VV	183668	2332761	28.57%	1.718%
378	16.264	16.239	16.291	VV	6249	102993	1.26%	0.076%
379	16.295	16.291	16.321	VV	1124	13477	0.17%	0.010%
380	16.327	16.321	16.337	VV	728	5565	0.07%	0.004%
381	16.340	16.337	16.356	VV	746	4407	0.05%	0.003%
382	16.407	16.356	16.425	PV	2268	56725	0.69%	0.042%
383	16.446	16.425	16.459	VV	2222	31603	0.39%	0.023%
384	16.492	16.459	16.537	VV	4765	135610	1.66%	0.100%
385	16.585	16.537	16.634	VV	22532	580437	7.11%	0.428%
386	16.646	16.634	16.663	VV	7748	114168	1.40%	0.084%
387	16.689	16.663	16.712	VV	44813	707966	8.67%	0.521%
388	16.721	16.712	16.740	VV	15414	204176	2.50%	0.150%
389	16.758	16.740	16.796	VV	12917	234255	2.87%	0.173%
390	16.826	16.796	16.860	VV	8777	170450	2.09%	0.126%
391	16.865	16.860	16.876	VV	2896	26155	0.32%	0.019%
392	16.890	16.876	16.897	VV	3303	38138	0.47%	0.028%
393	16.908	16.897	16.930	VV	3537	53861	0.66%	0.040%
394	16.977	16.930	16.987	VV	4555	110303	1.35%	0.081%
395	17.014	16.987	17.047	VV	20937	369486	4.53%	0.272%
396	17.076	17.047	17.111	VV	26462	471554	5.78%	0.347%
397	17.152	17.111	17.183	VV	167606	2516945	30.83%	1.854%
398	17.196	17.183	17.212	VV	14882	214691	2.63%	0.158%
399	17.228	17.212	17.255	VV	17632	278602	3.41%	0.205%
400	17.279	17.255	17.304	VV	6960	154165	1.89%	0.114%
401	17.333	17.304	17.357	VV	4878	136716	1.67%	0.101%
402	17.386	17.357	17.422	VV	9509	250790	3.07%	0.185%
403	17.433	17.422	17.439	VV	5292	49671	0.61%	0.037%
404	17.447	17.439	17.451	VV	5224	37836	0.46%	0.028%
405	17.483	17.451	17.500	VV	8208	199065	2.44%	0.147%
406	17.526	17.500	17.577	VV	34964	901871	11.05%	0.664%
407	17.603	17.577	17.631	VV	56113	875055	10.72%	0.645%
408	17.682	17.631	17.715	VV	9579	385565	4.72%	0.284%
409	17.731	17.715	17.747	VV	6750	123057	1.51%	0.091%
410	17.771	17.747	17.791	VV	9949	199179	2.44%	0.147%
411	17.814	17.791	17.851	VV	9348	257959	3.16%	0.190%

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412	17.876	17.851	17.907	VV	7995	215372	2.64%	0.159%
413	17.933	17.907	17.939	VV	9442	143428	1.76%	0.106%
414	17.943	17.939	17.948	VV	8817	47150	0.58%	0.035%
415	17.971	17.948	17.985	VV	12500	240397	2.94%	0.177%
416	18.041	17.985	18.092	VV	174189	3067893	37.58%	2.260%
417	18.129	18.092	18.152	VV	28808	702210	8.60%	0.517%
418	18.184	18.152	18.201	VV	23438	551282	6.75%	0.406%
419	18.217	18.201	18.233	VV	21236	379964	4.65%	0.280%
420	18.268	18.233	18.302	VV	30502	877395	10.75%	0.646%
421	18.313	18.302	18.318	VV	12961	125269	1.53%	0.092%
422	18.363	18.318	18.389	VV	64848	1418588	17.38%	1.045%
423	18.412	18.389	18.435	VV	45504	987283	12.09%	0.727%
424	18.464	18.435	18.498	VV	91377	1888848	23.14%	1.391%
425	18.518	18.498	18.530	VV	20767	387083	4.74%	0.285%
426	18.555	18.530	18.581	VV	25315	657845	8.06%	0.485%
427	18.586	18.581	18.591	VV	18210	109775	1.34%	0.081%
428	18.612	18.591	18.644	VV	19597	569782	6.98%	0.420%
429	18.653	18.644	18.660	VV	16602	155927	1.91%	0.115%
430	18.666	18.660	18.673	VV	16088	124867	1.53%	0.092%
431	18.718	18.673	18.737	VV	23947	741538	9.08%	0.546%
432	18.748	18.737	18.792	VV	20071	590103	7.23%	0.435%
433	18.877	18.792	18.927	VV	198656	4324239	52.97%	3.185%
434	18.954	18.927	18.963	VV	33182	601120	7.36%	0.443%
435	18.977	18.963	18.987	VV	39338	524271	6.42%	0.386%
436	19.002	18.987	19.083	VV	40798	1791684	21.95%	1.320%
437	19.101	19.083	19.106	VV	23254	302427	3.70%	0.223%
438	19.124	19.106	19.128	VV	24485	314022	3.85%	0.231%
439	19.151	19.128	19.171	VV	37238	796261	9.75%	0.587%
440	19.235	19.171	19.327	VV	259601	8163906	100.00%	6.013%
441	19.361	19.327	19.382	VV	90459	2298130	28.15%	1.693%
442	19.403	19.382	19.438	VV	115475	2510262	30.75%	1.849%
443	19.455	19.438	19.477	VV	40766	897478	10.99%	0.661%
444	19.518	19.477	19.553	VV	118096	3317024	40.63%	2.443%
445	19.567	19.553	19.607	VV	66878	1555863	19.06%	1.146%
446	19.611	19.607	19.627	VV	31014	370462	4.54%	0.273%
447	19.661	19.627	19.701	VV	183494	3727129	45.65%	2.745%
448	19.725	19.701	19.745	VV	93737	1716641	21.03%	1.264%
449	19.765	19.745	19.795	VV	60863	1504299	18.43%	1.108%
450	19.813	19.795	19.818	VV	38951	495642	6.07%	0.365%
451	19.834	19.818	19.898	VV	43180	1777236	21.77%	1.309%
452	19.945	19.898	19.982	VV	48266	1995005	24.44%	1.469%
453	20.009	19.982	20.054	VV	94133	2520768	30.88%	1.857%
454	20.057	20.054	20.089	VV	40403	787139	9.64%	0.580%
455	20.098	20.089	20.125	VV	34877	727022	8.91%	0.536%
456	20.128	20.125	20.132	VV	33031	135352	1.66%	0.100%
457	20.137	20.132	20.158	VV	33522	505556	6.19%	0.372%
458	20.221	20.196	20.227	VV	33181	591436	7.24%	0.436%
459	20.233	20.227	20.237	VV	33022	216484	2.65%	0.159%

460	20.276	20.237	20.321	VV	rteres 52370	2058070	25.21%	1.516%
461	20.338	20.321	20.363	VV	39503	945152	11.58%	0.696%
462	20.402	20.363	20.436	VV	166785	3480862	42.64%	2.564%
463	20.446	20.436	20.452	VV	33973	336156	4.12%	0.248%
464	20.474	20.452	20.491	VV	34638	773359	9.47%	0.570%
465	20.509	20.491	20.523	VV	34449	645218	7.90%	0.475%
466	20.612	20.596	20.624	VV	39213	640845	7.85%	0.472%
467	20.777	20.773	20.782	VV	36662	189968	2.33%	0.140%
468	20.795	20.782	20.799	VV	37046	386233	4.73%	0.284%
469	20.802	20.799	20.822	VV	36899	467435	5.73%	0.344%
470	20.827	20.822	20.839	VV	34285	355326	4.35%	0.262%
471	20.885	20.881	20.892	VV	33884	220745	2.70%	0.163%
472	20.913	20.892	20.931	VV	35847	814277	9.97%	0.600%
473	20.941	20.931	20.979	VV	34701	916113	11.22%	0.675%
474	20.988	20.979	20.994	VV	30117	264057	3.23%	0.194%
475	21.001	20.994	21.020	VV	29321	447902	5.49%	0.330%
476	21.045	21.020	21.058	VV	30252	661403	8.10%	0.487%
477	21.065	21.058	21.095	VV	30033	645398	7.91%	0.475%
478	21.134	21.095	21.233	VV	131507	3934113	48.19%	2.898%
479	21.253	21.233	21.268	VV	21211	431042	5.28%	0.317%
480	21.276	21.268	21.286	VV	20192	218411	2.68%	0.161%
481	21.291	21.286	21.302	VV	20729	195834	2.40%	0.144%
482	21.309	21.302	21.316	VV	20241	167555	2.05%	0.123%
483	21.391	21.387	21.405	VV	18083	195218	2.39%	0.144%
484	21.484	21.479	21.492	VV	17735	133458	1.63%	0.098%
485	21.554	21.551	21.587	VV	15232	300778	3.68%	0.222%
486	21.597	21.587	21.602	VV	12821	108717	1.33%	0.080%
487	21.608	21.602	21.613	VV	12989	83951	1.03%	0.062%
488	21.619	21.613	21.667	VV	13252	389724	4.77%	0.287%
489	21.736	21.720	21.741	VV	9376	110928	1.36%	0.082%
490	21.795	21.741	21.851	VV	11482	629980	7.72%	0.464%
491	21.855	21.851	21.877	VV	7262	102170	1.25%	0.075%
492	21.883	21.877	21.889	VV	6130	44083	0.54%	0.032%
493	21.895	21.889	21.903	VV	6319	49337	0.60%	0.036%
494	21.924	21.903	21.928	VV	6381	87712	1.07%	0.065%
495	21.977	21.928	21.989	VV	7437	246383	3.02%	0.181%
496	22.042	21.989	22.102	VV	80141	2108697	25.83%	1.553%
497	22.105	22.102	22.132	VV	2871	43946	0.54%	0.032%
498	22.144	22.132	22.172	VV	1953	36433	0.45%	0.027%
499	22.181	22.172	22.186	VV	793	4081	0.05%	0.003%
500	22.200	22.186	22.220	PBA	666	28333	0.35%	0.021%

Sum of corrected areas: 135764458

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