

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011224\
 Data File : FG013354.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jan 2024 20:23
 Sample : P1123-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.927	1.906	1.938	BV	54	-391	-0.01%	-0.001%
2	1.952	1.938	1.983	PV	397	4042	0.14%	0.006%
3	1.999	1.983	2.014	PV	360	3355	0.11%	0.005%
4	2.021	2.014	2.027	VV	88	551	0.02%	0.001%
5	2.060	2.027	2.122	VV	173247	1761753	59.36%	2.820%
6	2.136	2.122	2.148	VV	174	1847	0.06%	0.003%
7	2.153	2.148	2.182	VV	151	1829	0.06%	0.003%
8	2.186	2.182	2.196	VV	115	617	0.02%	0.001%
9	2.203	2.196	2.219	VV	119	1154	0.04%	0.002%
10	2.224	2.219	2.232	VV	86	513	0.02%	0.001%
11	2.240	2.232	2.244	VV	126	616	0.02%	0.001%
12	2.252	2.244	2.257	VV	154	793	0.03%	0.001%
13	2.260	2.257	2.268	VV	393	1338	0.05%	0.002%
14	2.274	2.268	2.279	VV	181	1033	0.03%	0.002%
15	2.295	2.279	2.318	VV	624	8641	0.29%	0.014%
16	2.330	2.318	2.346	VV	369	4902	0.17%	0.008%
17	2.358	2.346	2.416	VV	2003	27674	0.93%	0.044%
18	2.421	2.416	2.458	VV	179	3026	0.10%	0.005%
19	2.465	2.458	2.470	VV	116	657	0.02%	0.001%
20	2.474	2.470	2.488	VV	54	388	0.01%	0.001%
21	2.498	2.488	2.509	PV	91	595	0.02%	0.001%
22	2.529	2.509	2.555	VV	148	2317	0.08%	0.004%
23	2.561	2.555	2.574	VV	130	987	0.03%	0.002%
24	2.580	2.574	2.598	VV	97	884	0.03%	0.001%
25	2.617	2.598	2.627	VV	130	1372	0.05%	0.002%
26	2.628	2.627	2.645	VV	94	534	0.02%	0.001%
27	2.649	2.645	2.667	VV	100	437	0.01%	0.001%
28	2.678	2.667	2.685	VV	58	333	0.01%	0.001%
29	2.701	2.685	2.730	VV	210	3164	0.11%	0.005%
30	2.744	2.730	2.749	VV	105	838	0.03%	0.001%
31	2.762	2.749	2.767	VV	144	1132	0.04%	0.002%

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32	2.773	2.767	2.787	VV	130	878	0.03%	0.001%
33	2.813	2.787	2.836	PV	272	3910	0.13%	0.006%
34	2.865	2.836	2.871	VV	308	3966	0.13%	0.006%
35	2.875	2.871	2.901	VV	284	3355	0.11%	0.005%
36	2.913	2.901	2.931	VV	308	3486	0.12%	0.006%
37	2.935	2.931	2.939	VV	144	553	0.02%	0.001%
38	2.956	2.939	2.963	VV	192	2116	0.07%	0.003%
39	2.970	2.963	2.987	VV	188	1747	0.06%	0.003%
40	2.991	2.987	3.000	VV	139	830	0.03%	0.001%
41	3.008	3.000	3.025	VV	187	2307	0.08%	0.004%
42	3.029	3.025	3.041	VV	163	1318	0.04%	0.002%
43	3.056	3.041	3.062	VV	210	1886	0.06%	0.003%
44	3.069	3.062	3.096	VV	270	3953	0.13%	0.006%
45	3.103	3.096	3.115	VV	217	1872	0.06%	0.003%
46	3.124	3.115	3.133	VV	212	2026	0.07%	0.003%
47	3.162	3.133	3.181	VV	294	6780	0.23%	0.011%
48	3.204	3.181	3.217	VV	607	9099	0.31%	0.015%
49	3.221	3.217	3.232	VV	469	3879	0.13%	0.006%
50	3.245	3.232	3.255	VV	443	5474	0.18%	0.009%
51	3.262	3.255	3.275	VV	379	3864	0.13%	0.006%
52	3.278	3.275	3.282	VV	333	1296	0.04%	0.002%
53	3.325	3.282	3.333	VV	438	11214	0.38%	0.018%
54	3.337	3.333	3.343	VV	463	2586	0.09%	0.004%
55	3.347	3.343	3.399	VV	452	10246	0.35%	0.016%
56	3.403	3.399	3.407	VV	211	914	0.03%	0.001%
57	3.410	3.407	3.422	VV	220	1493	0.05%	0.002%
58	3.428	3.422	3.439	VV	151	1264	0.04%	0.002%
59	3.443	3.439	3.456	VV	217	1476	0.05%	0.002%
60	3.464	3.456	3.468	VV	150	925	0.03%	0.001%
61	3.488	3.468	3.499	VV	278	3634	0.12%	0.006%
62	3.525	3.499	3.547	VV	372	7727	0.26%	0.012%
63	3.552	3.547	3.562	VV	252	2005	0.07%	0.003%
64	3.570	3.562	3.578	VV	229	2025	0.07%	0.003%
65	3.582	3.578	3.599	VV	197	2175	0.07%	0.003%
66	3.603	3.599	3.613	VV	148	1101	0.04%	0.002%
67	3.618	3.613	3.636	VV	168	2284	0.08%	0.004%
68	3.646	3.636	3.657	VV	234	2138	0.07%	0.003%
69	3.675	3.657	3.686	VV	275	3734	0.13%	0.006%
70	3.692	3.686	3.715	VV	287	3538	0.12%	0.006%
71	3.732	3.715	3.758	VV	273	4913	0.17%	0.008%
72	3.781	3.758	3.786	VV	241	3226	0.11%	0.005%
73	3.790	3.786	3.833	VV	221	4307	0.15%	0.007%
74	3.837	3.833	3.843	VV	129	613	0.02%	0.001%
75	3.848	3.843	3.862	VV	150	1238	0.04%	0.002%
76	3.872	3.862	3.887	VV	142	1808	0.06%	0.003%
77	3.904	3.887	3.930	VV	209	4201	0.14%	0.007%
78	3.935	3.930	3.960	VV	143	2040	0.07%	0.003%
79	3.968	3.960	3.986	VV	156	1901	0.06%	0.003%

80	4.000	3.986	4.017	VV	157	2171	0.07%	0.003%
81	4.031	4.017	4.044	VV	159	1973	0.07%	0.003%
82	4.050	4.044	4.067	VV	202	2048	0.07%	0.003%
83	4.071	4.067	4.082	VV	131	1012	0.03%	0.002%
84	4.104	4.082	4.133	VV	4396	41596	1.40%	0.067%
85	4.152	4.133	4.187	VV	863	14461	0.49%	0.023%
86	4.193	4.187	4.208	VV	192	2108	0.07%	0.003%
87	4.229	4.208	4.252	VV	258	5182	0.17%	0.008%
88	4.255	4.252	4.276	VV	187	2013	0.07%	0.003%
89	4.325	4.276	4.345	VV	1524	21808	0.73%	0.035%
90	4.348	4.345	4.386	VV	740	10391	0.35%	0.017%
91	4.391	4.386	4.406	VV	219	2092	0.07%	0.003%
92	4.411	4.406	4.416	VV	207	1179	0.04%	0.002%
93	4.419	4.416	4.426	VV	233	1216	0.04%	0.002%
94	4.439	4.426	4.444	VV	220	1916	0.06%	0.003%
95	4.447	4.444	4.465	VV	195	1895	0.06%	0.003%
96	4.469	4.465	4.473	VV	132	560	0.02%	0.001%
97	4.478	4.473	4.487	VV	168	1247	0.04%	0.002%
98	4.498	4.487	4.503	VV	195	1494	0.05%	0.002%
99	4.516	4.503	4.522	VV	196	1877	0.06%	0.003%
100	4.536	4.522	4.550	VV	630	7658	0.26%	0.012%
101	4.583	4.550	4.614	VV	224595	2278399	76.77%	3.647%
102	4.618	4.614	4.649	VV	396	5759	0.19%	0.009%
103	4.664	4.649	4.696	VV	227	5297	0.18%	0.008%
104	4.707	4.696	4.712	VV	250	1867	0.06%	0.003%
105	4.751	4.712	4.776	VV	1483	25465	0.86%	0.041%
106	4.792	4.776	4.857	VV	653	16225	0.55%	0.026%
107	4.866	4.857	4.882	VV	272	3271	0.11%	0.005%
108	4.892	4.882	4.899	VV	264	2056	0.07%	0.003%
109	4.903	4.899	4.921	VV	246	2352	0.08%	0.004%
110	4.952	4.921	4.973	VV	550	11469	0.39%	0.018%
111	4.977	4.973	5.037	VV	473	14056	0.47%	0.022%
112	5.040	5.037	5.048	VV	265	1596	0.05%	0.003%
113	5.052	5.048	5.056	VV	239	1186	0.04%	0.002%
114	5.061	5.056	5.073	VV	252	2217	0.07%	0.004%
115	5.078	5.073	5.084	VV	239	1385	0.05%	0.002%
116	5.097	5.084	5.102	VV	242	2249	0.08%	0.004%
117	5.116	5.102	5.152	VV	357	6960	0.23%	0.011%
118	5.166	5.152	5.172	VV	244	2171	0.07%	0.003%
119	5.177	5.172	5.188	VV	184	1460	0.05%	0.002%
120	5.197	5.188	5.202	VV	194	1198	0.04%	0.002%
121	5.206	5.202	5.218	VV	158	1150	0.04%	0.002%
122	5.227	5.218	5.235	VV	199	1544	0.05%	0.002%
123	5.239	5.235	5.252	VV	176	1517	0.05%	0.002%
124	5.255	5.252	5.260	VV	163	626	0.02%	0.001%
125	5.274	5.260	5.285	VV	281	3164	0.11%	0.005%
126	5.289	5.285	5.297	VV	218	1307	0.04%	0.002%

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127	5.301	5.297	5.321	VV	166	1903	0.06%	0.003%
128	5.340	5.321	5.356	VV	166	2516	0.08%	0.004%
129	5.360	5.356	5.366	VV	96	501	0.02%	0.001%
130	5.379	5.366	5.383	VV	102	846	0.03%	0.001%
131	5.406	5.383	5.437	VV	563	7403	0.25%	0.012%
132	5.440	5.437	5.458	VV	137	1082	0.04%	0.002%
133	5.474	5.458	5.484	VV	99	968	0.03%	0.002%
134	5.504	5.484	5.509	VV	138	1432	0.05%	0.002%
135	5.528	5.509	5.558	VV	1181	13276	0.45%	0.021%
136	5.562	5.558	5.577	VV	160	1322	0.04%	0.002%
137	5.580	5.577	5.584	VV	91	381	0.01%	0.001%
138	5.598	5.584	5.626	VV	152	2658	0.09%	0.004%
139	5.629	5.626	5.640	VV	96	556	0.02%	0.001%
140	5.644	5.640	5.649	VV	80	394	0.01%	0.001%
141	5.664	5.649	5.689	VV	184	2801	0.09%	0.004%
142	5.698	5.689	5.707	VV	98	577	0.02%	0.001%
143	5.720	5.707	5.745	PV	253	2938	0.10%	0.005%
144	5.769	5.745	5.800	VV	349	5372	0.18%	0.009%
145	5.821	5.800	5.857	VV	1399	16952	0.57%	0.027%
146	5.863	5.857	5.874	VV	124	918	0.03%	0.001%
147	5.883	5.874	5.888	VV	90	535	0.02%	0.001%
148	5.896	5.888	5.925	VV	147	2165	0.07%	0.003%
149	5.938	5.925	5.946	VV	97	871	0.03%	0.001%
150	5.963	5.946	5.982	VV	166	2189	0.07%	0.004%
151	5.994	5.982	6.004	VV	103	1000	0.03%	0.002%
152	6.009	6.004	6.016	VV	94	423	0.01%	0.001%
153	6.023	6.016	6.033	VV	77	697	0.02%	0.001%
154	6.049	6.033	6.076	VV	137	2085	0.07%	0.003%
155	6.089	6.076	6.111	VV	242	3204	0.11%	0.005%
156	6.118	6.111	6.122	VV	118	559	0.02%	0.001%
157	6.127	6.122	6.143	VV	116	1036	0.03%	0.002%
158	6.147	6.143	6.152	VV	111	469	0.02%	0.001%
159	6.165	6.152	6.172	VV	135	1194	0.04%	0.002%
160	6.178	6.172	6.189	VV	133	937	0.03%	0.001%
161	6.197	6.189	6.228	VV	146	1981	0.07%	0.003%
162	6.254	6.228	6.271	VV	176	2282	0.08%	0.004%
163	6.287	6.271	6.340	VV	798	13245	0.45%	0.021%
164	6.351	6.340	6.367	VV	178	2208	0.07%	0.004%
165	6.373	6.367	6.378	VV	140	834	0.03%	0.001%
166	6.401	6.378	6.425	VV	190	3455	0.12%	0.006%
167	6.428	6.425	6.433	VV	122	444	0.01%	0.001%
168	6.471	6.433	6.509	VV	885	13914	0.47%	0.022%
169	6.521	6.509	6.535	VV	138	1308	0.04%	0.002%
170	6.539	6.535	6.548	VV	125	850	0.03%	0.001%
171	6.560	6.548	6.571	VV	162	1657	0.06%	0.003%
172	6.592	6.571	6.627	VV	1082	15750	0.53%	0.025%
173	6.639	6.627	6.644	VV	173	1520	0.05%	0.002%
174	6.650	6.644	6.658	VV	174	1355	0.05%	0.002%

175	6.669	6.658	6.684	VV	181	2145	0.07%	0.003%
176	6.686	6.684	6.691	VV	129	358	0.01%	0.001%
177	6.695	6.691	6.699	VV	80	283	0.01%	0.000%
178	6.754	6.699	6.790	VV	253741	2496809	84.13%	3.997%
179	6.797	6.790	6.807	VV	90	781	0.03%	0.001%
180	6.814	6.807	6.821	VV	110	616	0.02%	0.001%
181	6.838	6.821	6.863	VV	216	3281	0.11%	0.005%
182	6.876	6.863	6.893	VV	263	3163	0.11%	0.005%
183	6.900	6.893	6.903	VV	239	1042	0.04%	0.002%
184	6.908	6.903	6.939	VV	270	2790	0.09%	0.004%
185	6.945	6.939	6.961	VV	88	870	0.03%	0.001%
186	6.981	6.961	7.001	VV	200	2308	0.08%	0.004%
187	7.013	7.001	7.024	VV	127	1342	0.05%	0.002%
188	7.035	7.024	7.040	VV	139	938	0.03%	0.002%
189	7.045	7.040	7.064	VV	122	1248	0.04%	0.002%
190	7.080	7.064	7.121	VV	202	4096	0.14%	0.007%
191	7.123	7.121	7.127	VV	92	263	0.01%	0.000%
192	7.133	7.127	7.145	VV	110	894	0.03%	0.001%
193	7.150	7.145	7.157	VV	160	897	0.03%	0.001%
194	7.161	7.157	7.166	VV	137	578	0.02%	0.001%
195	7.188	7.166	7.193	VV	161	1951	0.07%	0.003%
196	7.198	7.193	7.207	VV	149	934	0.03%	0.001%
197	7.229	7.207	7.249	VV	1083	13985	0.47%	0.022%
198	7.256	7.249	7.284	VV	552	8674	0.29%	0.014%
199	7.288	7.284	7.316	VV	407	5805	0.20%	0.009%
200	7.331	7.316	7.355	VV	360	5748	0.19%	0.009%
201	7.378	7.355	7.412	VV	338	7772	0.26%	0.012%
202	7.432	7.412	7.458	VV	1494	17579	0.59%	0.028%
203	7.474	7.458	7.507	VV	359	5742	0.19%	0.009%
204	7.526	7.507	7.531	VV	145	1489	0.05%	0.002%
205	7.542	7.531	7.555	VV	188	1880	0.06%	0.003%
206	7.573	7.555	7.581	VV	149	1913	0.06%	0.003%
207	7.584	7.581	7.589	VV	168	538	0.02%	0.001%
208	7.598	7.589	7.613	VV	105	1116	0.04%	0.002%
209	7.619	7.613	7.628	VV	104	573	0.02%	0.001%
210	7.638	7.628	7.645	PV	80	530	0.02%	0.001%
211	7.652	7.645	7.673	VV	74	803	0.03%	0.001%
212	7.701	7.673	7.745	VV	2973	32424	1.09%	0.052%
213	7.768	7.745	7.787	VV	185	2590	0.09%	0.004%
214	7.792	7.787	7.803	VV	139	1034	0.03%	0.002%
215	7.820	7.803	7.833	VV	283	3418	0.12%	0.005%
216	7.837	7.833	7.850	VV	199	1623	0.05%	0.003%
217	7.868	7.850	7.897	VV	295	5248	0.18%	0.008%
218	7.914	7.897	7.937	VV	153	2384	0.08%	0.004%
219	7.955	7.937	7.960	VV	180	1680	0.06%	0.003%
220	7.965	7.960	7.982	VV	174	1817	0.06%	0.003%
221	7.985	7.982	7.991	VV	111	407	0.01%	0.001%

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222	8.023	7.991	8.034	VV	171	2962	0.10%	0.005%
223	8.051	8.034	8.063	VV	234	2850	0.10%	0.005%
224	8.070	8.063	8.090	VV	127	1293	0.04%	0.002%
225	8.097	8.090	8.101	VV	70	295	0.01%	0.000%
226	8.129	8.101	8.147	VV	386	6687	0.23%	0.011%
227	8.162	8.147	8.176	VV	636	7887	0.27%	0.013%
228	8.189	8.176	8.214	VV	705	7954	0.27%	0.013%
229	8.233	8.214	8.252	VV	609	7080	0.24%	0.011%
230	8.277	8.252	8.311	VV	1593	19500	0.66%	0.031%
231	8.334	8.311	8.360	VV	1450	17100	0.58%	0.027%
232	8.364	8.360	8.369	VV	163	851	0.03%	0.001%
233	8.373	8.369	8.384	VV	176	1392	0.05%	0.002%
234	8.407	8.384	8.436	VV	701	9606	0.32%	0.015%
235	8.440	8.436	8.454	VV	227	1974	0.07%	0.003%
236	8.482	8.454	8.513	VV	417	9760	0.33%	0.016%
237	8.553	8.513	8.561	VV	4419	48700	1.64%	0.078%
238	8.587	8.561	8.618	VV	253985	2654933	89.45%	4.250%
239	8.623	8.618	8.626	VV	266	1186	0.04%	0.002%
240	8.637	8.626	8.655	VV	362	5102	0.17%	0.008%
241	8.694	8.655	8.726	VV	646	17353	0.58%	0.028%
242	8.732	8.726	8.758	VV	375	5082	0.17%	0.008%
243	8.775	8.758	8.805	VV	261	5604	0.19%	0.009%
244	8.808	8.805	8.812	VV	161	522	0.02%	0.001%
245	8.817	8.812	8.828	VV	172	1337	0.05%	0.002%
246	8.834	8.828	8.855	VV	175	1796	0.06%	0.003%
247	8.861	8.855	8.886	VV	163	2287	0.08%	0.004%
248	8.890	8.886	8.902	VV	134	907	0.03%	0.001%
249	8.918	8.902	8.931	VV	151	2063	0.07%	0.003%
250	8.951	8.931	8.977	VV	367	6504	0.22%	0.010%
251	8.997	8.977	9.021	VV	429	8094	0.27%	0.013%
252	9.037	9.021	9.049	VV	513	6134	0.21%	0.010%
253	9.056	9.049	9.076	VV	299	3788	0.13%	0.006%
254	9.084	9.076	9.096	VV	247	1988	0.07%	0.003%
255	9.127	9.096	9.155	VV	479	8414	0.28%	0.013%
256	9.191	9.155	9.230	VV	1213	17623	0.59%	0.028%
257	9.237	9.230	9.261	VV	259	3189	0.11%	0.005%
258	9.267	9.261	9.270	VV	144	518	0.02%	0.001%
259	9.284	9.270	9.293	VV	168	1821	0.06%	0.003%
260	9.315	9.293	9.347	VV	416	8658	0.29%	0.014%
261	9.362	9.347	9.388	VV	165	2452	0.08%	0.004%
262	9.392	9.388	9.396	VV	123	428	0.01%	0.001%
263	9.415	9.396	9.483	VV	961	17928	0.60%	0.029%
264	9.506	9.483	9.536	VV	161	2899	0.10%	0.005%
265	9.557	9.536	9.584	VV	475	6228	0.21%	0.010%
266	9.603	9.584	9.613	VV	199	2236	0.08%	0.004%
267	9.618	9.613	9.626	VV	186	1262	0.04%	0.002%
268	9.634	9.626	9.638	VV	186	1168	0.04%	0.002%
269	9.647	9.638	9.685	VV	229	4108	0.14%	0.007%

270	9.689	9.685	9.703	VV	137	1190	0.04%	0.002%
271	9.716	9.703	9.721	VV	166	1490	0.05%	0.002%
272	9.740	9.721	9.773	VV	2589	36261	1.22%	0.058%
273	9.788	9.773	9.817	VV	622	12422	0.42%	0.020%
274	9.837	9.817	9.852	VV	424	6602	0.22%	0.011%
275	9.856	9.852	9.866	VV	221	1642	0.06%	0.003%
276	9.875	9.866	9.901	VV	219	3502	0.12%	0.006%
277	9.936	9.901	9.954	VV	382	7233	0.24%	0.012%
278	9.977	9.954	9.993	VV	1137	14411	0.49%	0.023%
279	10.009	9.993	10.029	VV	488	7365	0.25%	0.012%
280	10.034	10.029	10.053	VV	216	2281	0.08%	0.004%
281	10.064	10.053	10.079	VV	203	2282	0.08%	0.004%
282	10.126	10.079	10.156	VV	3897	48626	1.64%	0.078%
283	10.199	10.156	10.263	VV	254594	2801128	94.38%	4.484%
284	10.274	10.263	10.283	VV	140	1150	0.04%	0.002%
285	10.303	10.283	10.308	VV	186	2048	0.07%	0.003%
286	10.311	10.308	10.330	VV	148	1253	0.04%	0.002%
287	10.343	10.330	10.365	VV	147	1972	0.07%	0.003%
288	10.368	10.365	10.397	VV	82	1176	0.04%	0.002%
289	10.403	10.397	10.412	VV	64	411	0.01%	0.001%
290	10.417	10.412	10.431	VV	75	383	0.01%	0.001%
291	10.446	10.431	10.456	PV	78	692	0.02%	0.001%
292	10.458	10.456	10.478	VV	64	586	0.02%	0.001%
293	10.508	10.478	10.521	VV	168	2304	0.08%	0.004%
294	10.537	10.521	10.544	VV	179	1879	0.06%	0.003%
295	10.551	10.544	10.568	VV	169	1694	0.06%	0.003%
296	10.586	10.568	10.616	VV	283	4554	0.15%	0.007%
297	10.641	10.616	10.658	VV	251	3519	0.12%	0.006%
298	10.669	10.658	10.698	VV	147	2418	0.08%	0.004%
299	10.702	10.698	10.706	VV	78	322	0.01%	0.001%
300	10.722	10.706	10.726	VV	158	1260	0.04%	0.002%
301	10.731	10.726	10.739	VV	165	978	0.03%	0.002%
302	10.757	10.739	10.778	VV	255	4111	0.14%	0.007%
303	10.785	10.778	10.800	VV	157	1749	0.06%	0.003%
304	10.804	10.800	10.815	VV	131	1115	0.04%	0.002%
305	10.836	10.815	10.853	VV	306	4418	0.15%	0.007%
306	10.893	10.853	10.910	VV	521	8075	0.27%	0.013%
307	10.939	10.910	10.966	VV	716	11588	0.39%	0.019%
308	10.970	10.966	10.978	VV	221	1402	0.05%	0.002%
309	10.983	10.978	10.989	VV	211	1172	0.04%	0.002%
310	10.998	10.989	11.015	VV	205	2956	0.10%	0.005%
311	11.037	11.015	11.060	VV	622	9141	0.31%	0.015%
312	11.077	11.060	11.124	VV	468	7874	0.27%	0.013%
313	11.135	11.124	11.142	VV	123	961	0.03%	0.002%
314	11.161	11.142	11.173	VV	362	4458	0.15%	0.007%
315	11.189	11.173	11.200	VV	940	9819	0.33%	0.016%
316	11.215	11.200	11.248	VV	2177	31622	1.07%	0.051%

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317	11.264	11.248	11.308	VV	626	12285	0.41%	0.020%
318	11.314	11.308	11.344	VV	177	2965	0.10%	0.005%
319	11.348	11.344	11.351	VV	125	427	0.01%	0.001%
320	11.357	11.351	11.363	VV	205	1237	0.04%	0.002%
321	11.370	11.363	11.377	VV	207	1516	0.05%	0.002%
322	11.394	11.377	11.422	VV	341	4093	0.14%	0.007%
323	11.457	11.422	11.464	VV	256	3360	0.11%	0.005%
324	11.473	11.464	11.494	VV	290	3970	0.13%	0.006%
325	11.508	11.494	11.523	VV	198	2249	0.08%	0.004%
326	11.528	11.523	11.546	VV	76	420	0.01%	0.001%
327	11.575	11.546	11.593	PV	214	3472	0.12%	0.006%
328	11.647	11.593	11.702	VV	263153	2967954	100.00%	4.751%
329	11.722	11.702	11.794	VV	681	17093	0.58%	0.027%
330	11.801	11.794	11.806	VV	194	1126	0.04%	0.002%
331	11.811	11.806	11.818	VV	147	873	0.03%	0.001%
332	11.839	11.818	11.872	VV	316	4446	0.15%	0.007%
333	11.905	11.872	11.981	VV	1889	34550	1.16%	0.055%
334	11.998	11.981	12.015	VV	255	3403	0.11%	0.005%
335	12.027	12.015	12.039	VV	293	2778	0.09%	0.004%
336	12.064	12.039	12.088	VV	1658	21590	0.73%	0.035%
337	12.106	12.088	12.120	VV	1189	14444	0.49%	0.023%
338	12.133	12.120	12.163	VV	1068	14251	0.48%	0.023%
339	12.172	12.163	12.193	VV	267	3486	0.12%	0.006%
340	12.196	12.193	12.213	VV	156	1167	0.04%	0.002%
341	12.217	12.213	12.231	VV	88	588	0.02%	0.001%
342	12.238	12.231	12.243	PV	104	528	0.02%	0.001%
343	12.252	12.243	12.272	VV	154	1561	0.05%	0.002%
344	12.281	12.272	12.286	PV	104	499	0.02%	0.001%
345	12.324	12.286	12.334	VV	485	9863	0.33%	0.016%
346	12.337	12.334	12.362	VV	460	6899	0.23%	0.011%
347	12.369	12.362	12.386	VV	413	4518	0.15%	0.007%
348	12.411	12.386	12.457	VV	2787	47815	1.61%	0.077%
349	12.478	12.457	12.518	VV	568	11021	0.37%	0.018%
350	12.571	12.518	12.715	VV	124503	1716669	57.84%	2.748%
351	12.730	12.715	12.752	VV	729	12961	0.44%	0.021%
352	12.779	12.752	12.785	VV	557	10032	0.34%	0.016%
353	12.788	12.785	12.831	VV	556	9901	0.33%	0.016%
354	12.850	12.831	12.859	VV	435	5954	0.20%	0.010%
355	12.877	12.859	12.888	VV	699	10093	0.34%	0.016%
356	12.899	12.888	12.922	VV	678	11318	0.38%	0.018%
357	12.963	12.922	12.995	VV	247109	2927586	98.64%	4.686%
358	13.019	12.995	13.056	VV	3281	53684	1.81%	0.086%
359	13.073	13.056	13.108	VV	325	7816	0.26%	0.013%
360	13.114	13.108	13.136	VV	195	2813	0.09%	0.005%
361	13.151	13.136	13.167	VV	442	5397	0.18%	0.009%
362	13.173	13.167	13.177	VV	176	793	0.03%	0.001%
363	13.202	13.177	13.254	VV	1675	36367	1.23%	0.058%
364	13.258	13.254	13.291	VV	356	5076	0.17%	0.008%

365	13.314	13.291	13.335	VV	rteres 2092	24739	0.83%	0.040%
366	13.359	13.335	13.390	VV	1685	25929	0.87%	0.042%
367	13.406	13.390	13.431	VV	298	4526	0.15%	0.007%
368	13.451	13.431	13.475	VV	348	4915	0.17%	0.008%
369	13.492	13.475	13.501	VV	185	1920	0.06%	0.003%
370	13.516	13.501	13.537	VV	199	2490	0.08%	0.004%
371	13.588	13.537	13.620	PV	12093	182329	6.14%	0.292%
372	13.640	13.620	13.716	VV	7696	157839	5.32%	0.253%
373	13.719	13.716	13.745	VV	766	10121	0.34%	0.016%
374	13.768	13.745	13.776	VV	944	12288	0.41%	0.020%
375	13.804	13.776	13.887	VV	44915	608393	20.50%	0.974%
376	13.907	13.887	13.947	VV	975	24400	0.82%	0.039%
377	13.969	13.947	13.985	VV	526	10567	0.36%	0.017%
378	14.009	13.985	14.034	VV	1096	18546	0.62%	0.030%
379	14.050	14.034	14.075	VV	406	6587	0.22%	0.011%
380	14.118	14.075	14.132	VV	1659	24458	0.82%	0.039%
381	14.166	14.132	14.208	VV	235876	2895476	97.56%	4.635%
382	14.227	14.208	14.243	VV	301	3717	0.13%	0.006%
383	14.255	14.243	14.261	VV	172	1080	0.04%	0.002%
384	14.265	14.261	14.280	VV	130	956	0.03%	0.002%
385	14.316	14.280	14.336	VV	202	4190	0.14%	0.007%
386	14.347	14.336	14.355	VV	151	1257	0.04%	0.002%
387	14.361	14.355	14.374	VV	85	777	0.03%	0.001%
388	14.402	14.374	14.445	VV	339	6727	0.23%	0.011%
389	14.460	14.445	14.473	VV	81	960	0.03%	0.002%
390	14.486	14.473	14.500	VV	77	777	0.03%	0.001%
391	14.552	14.500	14.590	PV	2725	43123	1.45%	0.069%
392	14.635	14.590	14.668	VV	392	10979	0.37%	0.018%
393	14.731	14.668	14.757	VV	4728	69633	2.35%	0.111%
394	14.784	14.757	14.808	VV	1665	29789	1.00%	0.048%
395	14.829	14.808	14.866	VV	822	19165	0.65%	0.031%
396	14.884	14.866	14.913	VV	531	8823	0.30%	0.014%
397	14.948	14.913	14.993	VV	2629	46319	1.56%	0.074%
398	15.001	14.993	15.030	VV	402	6545	0.22%	0.010%
399	15.068	15.030	15.104	VV	143569	1942141	65.44%	3.109%
400	15.112	15.104	15.134	VV	1219	15965	0.54%	0.026%
401	15.138	15.134	15.142	VV	421	1992	0.07%	0.003%
402	15.151	15.142	15.175	VV	522	7306	0.25%	0.012%
403	15.196	15.175	15.215	VV	1268	16015	0.54%	0.026%
404	15.272	15.215	15.305	VV	226936	2921537	98.44%	4.676%
405	15.318	15.305	15.339	VV	780	9392	0.32%	0.015%
406	15.357	15.339	15.390	VV	340	5339	0.18%	0.009%
407	15.393	15.390	15.401	VV	53	194	0.01%	0.000%
408	15.407	15.401	15.411	PV	79	244	0.01%	0.000%
409	15.416	15.411	15.428	VV	55	484	0.02%	0.001%
410	15.445	15.428	15.450	VV	144	1303	0.04%	0.002%
411	15.469	15.450	15.480	VV	260	3160	0.11%	0.005%

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412	15.498	15.480	15.521	VV	399	6628	0.22%	0.011%
413	15.540	15.521	15.573	VV	256	4713	0.16%	0.008%
414	15.649	15.573	15.733	VV	58949	825220	27.80%	1.321%
415	15.743	15.733	15.765	VV	396	6563	0.22%	0.011%
416	15.793	15.765	15.818	VV	4853	72603	2.45%	0.116%
417	15.837	15.818	15.856	VV	3290	51826	1.75%	0.083%
418	15.866	15.856	15.900	VV	1934	31055	1.05%	0.050%
419	15.916	15.900	15.953	VV	627	12956	0.44%	0.021%
420	15.972	15.953	15.981	VV	376	5016	0.17%	0.008%
421	16.007	15.981	16.073	VV	3827	81505	2.75%	0.130%
422	16.084	16.073	16.088	VV	464	3837	0.13%	0.006%
423	16.091	16.088	16.098	VV	467	2420	0.08%	0.004%
424	16.115	16.098	16.141	VV	482	8588	0.29%	0.014%
425	16.167	16.141	16.215	VV	2135	34765	1.17%	0.056%
426	16.222	16.215	16.242	VV	220	2172	0.07%	0.003%
427	16.297	16.242	16.334	VV	215794	2831081	95.39%	4.532%
428	16.356	16.334	16.378	VV	563	8238	0.28%	0.013%
429	16.383	16.378	16.395	VV	245	1747	0.06%	0.003%
430	16.398	16.395	16.404	VV	155	629	0.02%	0.001%
431	16.419	16.404	16.446	VV	159	2517	0.08%	0.004%
432	16.515	16.446	16.530	PV	617	14399	0.49%	0.023%
433	16.543	16.530	16.556	VV	397	4906	0.17%	0.008%
434	16.562	16.556	16.565	VV	228	1125	0.04%	0.002%
435	16.599	16.565	16.632	VV	1114	23869	0.80%	0.038%
436	16.665	16.632	16.718	VV	9645	151401	5.10%	0.242%
437	16.780	16.718	16.809	VV	5233	96137	3.24%	0.154%
438	16.818	16.809	16.826	PV	122	661	0.02%	0.001%
439	16.863	16.826	16.892	VV	10496	141102	4.75%	0.226%
440	16.910	16.892	16.935	VV	744	12954	0.44%	0.021%
441	16.941	16.935	16.963	VV	306	2499	0.08%	0.004%
442	16.993	16.963	17.004	PV	1592	19841	0.67%	0.032%
443	17.026	17.004	17.061	VV	3647	67882	2.29%	0.109%
444	17.079	17.061	17.108	VV	1504	25405	0.86%	0.041%
445	17.139	17.108	17.179	VV	1955	40339	1.36%	0.065%
446	17.251	17.179	17.282	VV	192166	2776643	93.55%	4.444%
447	17.301	17.282	17.318	VV	8570	124704	4.20%	0.200%
448	17.324	17.318	17.420	VV	4549	80624	2.72%	0.129%
449	17.429	17.420	17.440	VV	344	3365	0.11%	0.005%
450	17.486	17.440	17.491	VV	667	14544	0.49%	0.023%
451	17.497	17.491	17.525	VV	675	12344	0.42%	0.020%
452	17.532	17.525	17.557	VV	527	7791	0.26%	0.012%
453	17.611	17.557	17.657	VV	4699	90032	3.03%	0.144%
454	17.701	17.657	17.746	VV	6997	110340	3.72%	0.177%
455	17.761	17.746	17.766	VV	217	1854	0.06%	0.003%
456	17.786	17.766	17.806	VV	541	8726	0.29%	0.014%
457	17.810	17.806	17.816	VV	386	2019	0.07%	0.003%
458	17.820	17.816	17.855	VV	355	5294	0.18%	0.008%
459	17.886	17.855	17.899	PV	210	3363	0.11%	0.005%

460	17.923	17.899	17.948	VV	rteres 506	9430	0.32%	0.015%
461	17.974	17.948	18.008	VV	602	14902	0.50%	0.024%
462	18.035	18.008	18.047	VV	775	13070	0.44%	0.021%
463	18.063	18.047	18.074	VV	1096	15312	0.52%	0.025%
464	18.096	18.074	18.106	VV	1598	23814	0.80%	0.038%
465	18.142	18.106	18.180	VV	188820	2699162	90.94%	4.320%
466	18.188	18.180	18.196	VV	710	6427	0.22%	0.010%
467	18.231	18.196	18.259	VV	1981	40478	1.36%	0.065%
468	18.264	18.259	18.277	VV	523	4692	0.16%	0.008%
469	18.288	18.277	18.303	VV	504	6218	0.21%	0.010%
470	18.331	18.303	18.336	VV	566	9277	0.31%	0.015%
471	18.365	18.336	18.401	VV	1842	34812	1.17%	0.056%
472	18.421	18.401	18.431	VV	541	7508	0.25%	0.012%
473	18.496	18.431	18.537	VV	40063	628550	21.18%	1.006%
474	18.565	18.537	18.604	VV	9830	163419	5.51%	0.262%
475	18.654	18.604	18.696	VV	2821	59734	2.01%	0.096%
476	18.705	18.696	18.710	VV	649	4233	0.14%	0.007%
477	18.713	18.710	18.719	VV	417	2296	0.08%	0.004%
478	18.725	18.719	18.729	VV	432	2270	0.08%	0.004%
479	18.739	18.729	18.744	VV	522	4105	0.14%	0.007%
480	18.765	18.744	18.793	VV	1258	26026	0.88%	0.042%
481	18.803	18.793	18.808	VV	703	5523	0.19%	0.009%
482	18.821	18.808	18.835	VV	851	12081	0.41%	0.019%
483	18.838	18.835	18.844	VV	815	4085	0.14%	0.007%
484	18.868	18.844	18.887	VV	1104	23381	0.79%	0.037%
485	18.919	18.887	18.935	VV	2324	44817	1.51%	0.072%
486	18.978	18.935	19.023	VV	187242	2740829	92.35%	4.387%
487	19.028	19.023	19.034	VV	1080	6573	0.22%	0.011%
488	19.082	19.034	19.109	VV	3889	108658	3.66%	0.174%
489	19.134	19.109	19.162	VV	2233	55089	1.86%	0.088%
490	19.179	19.162	19.196	VV	1325	24294	0.82%	0.039%
491	19.265	19.196	19.288	VV	2329	93758	3.16%	0.150%
492	19.326	19.288	19.354	VV	31504	543354	18.31%	0.870%
493	19.377	19.354	19.418	VV	14155	299955	10.11%	0.480%
494	19.449	19.418	19.496	VV	8283	224936	7.58%	0.360%
495	19.506	19.496	19.528	VV	3392	57265	1.93%	0.092%
496	19.574	19.528	19.591	VV	5115	136213	4.59%	0.218%
497	19.609	19.591	19.646	VV	6549	146815	4.95%	0.235%
498	19.663	19.646	19.690	VV	2951	63903	2.15%	0.102%
499	19.765	19.690	19.801	VV	166138	2508711	84.53%	4.016%
500	19.833	19.801	19.845	VV	6598	131987	4.45%	0.211%
501	19.861	19.845	19.891	VV	7324	145699	4.91%	0.233%
502	19.925	19.891	19.963	VV	5135	173787	5.86%	0.278%
503	19.968	19.963	19.971	VV	3026	15389	0.52%	0.025%
504	20.001	19.971	20.008	VV	3365	69585	2.34%	0.111%
505	20.039	20.008	20.068	VV	4055	126915	4.28%	0.203%
506	20.111	20.068	20.194	VV	34230	833833	28.09%	1.335%

					rteres			
507	20.214	20.194	20.228	VV	4681	92002	3.10%	0.147%
508	20.238	20.228	20.245	VV	4712	48729	1.64%	0.078%
509	20.280	20.245	20.301	VV	5218	163099	5.50%	0.261%
510	20.319	20.301	20.322	VV	5009	63515	2.14%	0.102%
511	20.353	20.322	20.370	VV	6905	174678	5.89%	0.280%
512	20.389	20.370	20.438	VV	7268	248724	8.38%	0.398%
513	20.507	20.438	20.551	VV	142044	2360396	79.53%	3.778%
514	20.559	20.551	20.568	VV	6138	62205	2.10%	0.100%
515	20.599	20.568	20.605	VV	6371	136687	4.61%	0.219%
516	20.608	20.605	20.615	VV	6310	36288	1.22%	0.058%
517	20.668	20.615	20.686	VV	15086	411741	13.87%	0.659%
518	20.702	20.686	20.722	VV	11912	219841	7.41%	0.352%
519	20.738	20.722	20.758	VV	9448	189076	6.37%	0.303%
520	20.818	20.758	20.833	VV	9738	405017	13.65%	0.648%
521	20.864	20.833	20.936	VV	11160	548462	18.48%	0.878%
522	20.978	20.936	20.983	VV	6969	187377	6.31%	0.300%
523	20.987	20.983	20.996	VV	6889	53027	1.79%	0.085%
524	21.002	20.996	21.004	VV	6870	33295	1.12%	0.053%
525	21.034	21.004	21.038	VV	7422	142545	4.80%	0.228%
526	21.049	21.038	21.055	VV	7595	77428	2.61%	0.124%
527	21.058	21.055	21.065	VV	7507	44348	1.49%	0.071%
528	21.069	21.065	21.082	VV	7298	72522	2.44%	0.116%
529	21.086	21.082	21.090	VV	7025	35062	1.18%	0.056%
530	21.096	21.090	21.106	VV	6955	67957	2.29%	0.109%
531	21.116	21.106	21.122	VV	7135	64225	2.16%	0.103%
532	21.138	21.122	21.144	VV	7178	94302	3.18%	0.151%
533	21.165	21.144	21.215	VV	7574	304021	10.24%	0.487%
534	21.261	21.215	21.333	VV	97842	2105773	70.95%	3.371%
535	21.339	21.333	21.366	VV	4822	94737	3.19%	0.152%
536	21.372	21.366	21.378	VV	4785	33205	1.12%	0.053%
537	21.386	21.378	21.408	VV	4745	83631	2.82%	0.134%
538	21.422	21.408	21.439	VV	4575	83065	2.80%	0.133%
539	21.447	21.439	21.471	VV	4411	81355	2.74%	0.130%
540	21.481	21.471	21.496	VV	4092	60169	2.03%	0.096%
541	21.519	21.496	21.528	VV	4072	75613	2.55%	0.121%
542	21.533	21.528	21.557	VV	4098	64419	2.17%	0.103%
543	21.561	21.557	21.566	VV	3528	20408	0.69%	0.033%
544	21.588	21.566	21.593	VV	3580	55730	1.88%	0.089%
545	21.600	21.593	21.605	VV	3612	24862	0.84%	0.040%
546	21.616	21.605	21.627	VV	3661	47230	1.59%	0.076%
547	21.631	21.627	21.645	VV	3460	36254	1.22%	0.058%
548	21.701	21.645	21.753	VV	5737	272265	9.17%	0.436%
549	21.756	21.753	21.801	VV	3484	90107	3.04%	0.144%
550	21.806	21.801	21.818	VV	2851	27400	0.92%	0.044%
551	21.825	21.818	21.848	VV	2654	45860	1.55%	0.073%
552	21.854	21.848	21.901	VV	2598	76706	2.58%	0.123%
553	21.908	21.901	21.936	VV	2136	41558	1.40%	0.067%
554	21.948	21.936	21.988	VV	1874	53185	1.79%	0.085%

555	22.003	21.988	22.008	VV	rteres 1506	17980	0.61%	0.029%
556	22.017	22.008	22.021	VV	1506	11661	0.39%	0.019%
557	22.025	22.021	22.043	VV	1432	17017	0.57%	0.027%
558	22.108	22.043	22.113	VV	1914	69674	2.35%	0.112%
559	22.118	22.113	22.124	VV	1906	12036	0.41%	0.019%
560	22.206	22.124	22.291	VV	66592	1733224	58.40%	2.774%
561	22.296	22.291	22.305	VV	521	3810	0.13%	0.006%
562	22.310	22.305	22.331	VV	446	3997	0.13%	0.006%
563	22.362	22.331	22.375	PV	137	1948	0.07%	0.003%
564	22.421	22.375	22.462	VV	1221	30283	1.02%	0.048%
565	22.473	22.462	22.479	VV	217	1648	0.06%	0.003%
566	22.482	22.479	22.486	VV	124	406	0.01%	0.001%
Sum of corrected areas:						62473931		

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