

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061423\
 Data File : FG012181.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 17:00
 Sample : 03160-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.966	1.956	1.996	PV	58	1344	0.02%	0.001%
2	2.009	1.996	2.015	PV	98	711	0.01%	0.000%
3	2.036	2.015	2.045	VV	250	2787	0.04%	0.001%
4	2.049	2.045	2.072	VV	160	1726	0.02%	0.001%
5	2.078	2.072	2.098	VV	117	1238	0.02%	0.001%
6	2.103	2.098	2.109	VV	103	446	0.01%	0.000%
7	2.112	2.109	2.126	VV	68	565	0.01%	0.000%
8	2.129	2.126	2.140	VV	73	471	0.01%	0.000%
9	2.149	2.140	2.169	VV	95	1109	0.02%	0.000%
10	2.183	2.169	2.188	PV	100	651	0.01%	0.000%
11	2.197	2.188	2.203	VV	91	619	0.01%	0.000%
12	2.217	2.203	2.248	VV	153	2638	0.04%	0.001%
13	2.271	2.248	2.279	PV	235	2757	0.04%	0.001%
14	2.287	2.279	2.327	VV	308	6145	0.09%	0.003%
15	2.337	2.327	2.365	VV	240	4085	0.06%	0.002%
16	2.376	2.365	2.387	VV	162	1670	0.02%	0.001%
17	2.389	2.387	2.403	VV	156	1207	0.02%	0.001%
18	2.418	2.403	2.440	VV	264	4055	0.06%	0.002%
19	2.444	2.440	2.456	VV	233	1816	0.03%	0.001%
20	2.463	2.456	2.471	VV	142	897	0.01%	0.000%
21	2.497	2.471	2.520	VV	205	4552	0.07%	0.002%
22	2.531	2.520	2.537	VV	247	1943	0.03%	0.001%
23	2.540	2.537	2.544	VV	243	886	0.01%	0.000%
24	2.549	2.544	2.556	VV	242	1368	0.02%	0.001%
25	2.560	2.556	2.583	VV	236	2711	0.04%	0.001%
26	2.600	2.583	2.623	VV	252	4215	0.06%	0.002%
27	2.630	2.623	2.662	VV	239	3515	0.05%	0.002%
28	2.676	2.662	2.693	PV	163	1776	0.03%	0.001%
29	2.715	2.693	2.726	VV	404	5390	0.08%	0.002%
30	2.730	2.726	2.778	VV	395	6172	0.09%	0.003%
31	2.782	2.778	2.793	VV	121	932	0.01%	0.000%

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32	2.812	2.793	2.859	VV	362	8079	0.12%	0.004%
33	2.877	2.859	2.905	VV	443	8003	0.12%	0.004%
34	2.934	2.905	2.974	VV	672	18132	0.26%	0.008%
35	2.987	2.974	3.014	VV	376	6570	0.09%	0.003%
36	3.036	3.014	3.070	VV	818	14540	0.21%	0.007%
37	3.075	3.070	3.091	VV	273	2928	0.04%	0.001%
38	3.100	3.091	3.106	VV	192	1506	0.02%	0.001%
39	3.111	3.106	3.121	VV	150	963	0.01%	0.000%
40	3.146	3.121	3.167	VV	252	4564	0.07%	0.002%
41	3.182	3.167	3.201	VV	140	1762	0.03%	0.001%
42	3.209	3.201	3.216	VV	101	730	0.01%	0.000%
43	3.220	3.216	3.266	VV	110	1918	0.03%	0.001%
44	3.287	3.266	3.306	VV	238	3084	0.04%	0.001%
45	3.310	3.306	3.319	VV	126	810	0.01%	0.000%
46	3.322	3.319	3.344	VV	129	1426	0.02%	0.001%
47	3.365	3.344	3.374	VV	119	1276	0.02%	0.001%
48	3.378	3.374	3.386	VV	106	402	0.01%	0.000%
49	3.403	3.386	3.421	VV	168	1925	0.03%	0.001%
50	3.430	3.421	3.440	VV	140	1276	0.02%	0.001%
51	3.459	3.440	3.465	VV	233	2463	0.04%	0.001%
52	3.472	3.465	3.478	VV	189	1303	0.02%	0.001%
53	3.482	3.478	3.500	VV	228	2419	0.03%	0.001%
54	3.531	3.500	3.561	VV	290	7177	0.10%	0.003%
55	3.567	3.561	3.581	VV	154	1183	0.02%	0.001%
56	3.599	3.581	3.617	VV	168	2757	0.04%	0.001%
57	3.623	3.617	3.628	VV	202	1114	0.02%	0.000%
58	3.632	3.628	3.652	VV	202	2180	0.03%	0.001%
59	3.656	3.652	3.663	VV	163	838	0.01%	0.000%
60	3.668	3.663	3.674	VV	121	729	0.01%	0.000%
61	3.678	3.674	3.700	VV	140	1052	0.02%	0.000%
62	3.743	3.700	3.767	PV	560	9175	0.13%	0.004%
63	3.774	3.767	3.785	VV	361	2606	0.04%	0.001%
64	3.788	3.785	3.823	VV	256	3776	0.05%	0.002%
65	3.833	3.823	3.847	VV	169	1894	0.03%	0.001%
66	3.876	3.847	3.889	VV	405	6076	0.09%	0.003%
67	3.896	3.889	3.952	VV	328	5652	0.08%	0.003%
68	3.974	3.952	3.999	VV	312	4831	0.07%	0.002%
69	4.003	3.999	4.041	VV	124	1589	0.02%	0.001%
70	4.056	4.041	4.062	VV	81	468	0.01%	0.000%
71	4.106	4.062	4.136	VV	901	20561	0.30%	0.009%
72	4.140	4.136	4.145	VV	441	2165	0.03%	0.001%
73	4.163	4.145	4.174	VV	699	10079	0.15%	0.005%
74	4.187	4.174	4.210	VV	701	12163	0.18%	0.005%
75	4.213	4.210	4.230	VV	361	3551	0.05%	0.002%
76	4.270	4.230	4.294	VV	538	14635	0.21%	0.007%
77	4.316	4.294	4.372	VV	996	22005	0.32%	0.010%
78	4.378	4.372	4.381	VV	300	1317	0.02%	0.001%
79	4.404	4.381	4.458	VV	426	12641	0.18%	0.006%

80	4.468	4.458	4.476	VV	rteres 213	1877	0.03%	0.001%
81	4.483	4.476	4.491	VV	198	1574	0.02%	0.001%
82	4.497	4.491	4.519	VV	184	2587	0.04%	0.001%
83	4.539	4.519	4.565	VV	631	9003	0.13%	0.004%
84	4.582	4.565	4.604	VV	426	6996	0.10%	0.003%
85	4.618	4.604	4.640	VV	395	6732	0.10%	0.003%
86	4.659	4.640	4.686	VV	373	8371	0.12%	0.004%
87	4.713	4.686	4.750	VV	453	10884	0.16%	0.005%
88	4.774	4.750	4.789	VV	504	7495	0.11%	0.003%
89	4.793	4.789	4.813	VV	354	3720	0.05%	0.002%
90	4.817	4.813	4.820	VV	213	895	0.01%	0.000%
91	4.825	4.820	4.833	VV	243	1486	0.02%	0.001%
92	4.857	4.833	4.874	VV	381	6441	0.09%	0.003%
93	4.878	4.874	4.891	VV	213	1890	0.03%	0.001%
94	4.909	4.891	4.918	VV	239	3229	0.05%	0.001%
95	4.949	4.918	4.954	VV	359	6325	0.09%	0.003%
96	4.960	4.954	4.975	VV	332	3424	0.05%	0.002%
97	5.007	4.975	5.038	VV	405	11263	0.16%	0.005%
98	5.048	5.038	5.077	VV	355	6157	0.09%	0.003%
99	5.095	5.077	5.107	VV	234	3399	0.05%	0.002%
100	5.113	5.107	5.117	VV	169	906	0.01%	0.000%
101	5.129	5.117	5.144	VV	208	2404	0.03%	0.001%
102	5.150	5.144	5.176	VV	172	2480	0.04%	0.001%
103	5.193	5.176	5.204	VV	232	2950	0.04%	0.001%
104	5.206	5.204	5.235	VV	231	3195	0.05%	0.001%
105	5.241	5.235	5.249	VV	163	1071	0.02%	0.000%
106	5.271	5.249	5.287	VV	382	6368	0.09%	0.003%
107	5.291	5.287	5.313	VV	331	3870	0.06%	0.002%
108	5.324	5.313	5.340	VV	244	3005	0.04%	0.001%
109	5.364	5.340	5.376	VV	446	5861	0.08%	0.003%
110	5.381	5.376	5.389	VV	227	1233	0.02%	0.001%
111	5.392	5.389	5.397	VV	173	664	0.01%	0.000%
112	5.402	5.397	5.416	VV	163	1521	0.02%	0.001%
113	5.428	5.416	5.446	VV	184	2443	0.04%	0.001%
114	5.487	5.446	5.512	VV	1400	19225	0.28%	0.009%
115	5.519	5.512	5.537	VV	379	4452	0.06%	0.002%
116	5.557	5.537	5.579	VV	466	7007	0.10%	0.003%
117	5.583	5.579	5.600	VV	128	1106	0.02%	0.000%
118	5.617	5.600	5.624	VV	158	1634	0.02%	0.001%
119	5.625	5.624	5.637	VV	147	525	0.01%	0.000%
120	5.644	5.637	5.648	PV	109	472	0.01%	0.000%
121	5.680	5.648	5.717	VV	612	13484	0.19%	0.006%
122	5.729	5.717	5.744	VV	196	2215	0.03%	0.001%
123	5.759	5.744	5.777	VV	215	2911	0.04%	0.001%
124	5.797	5.777	5.837	VV	428	8055	0.12%	0.004%
125	5.869	5.837	5.899	VV	256	5476	0.08%	0.002%
126	5.946	5.899	5.981	VV	307	7597	0.11%	0.003%

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127	5.995	5.981	6.022	VV	381	5893	0.09%	0.003%
128	6.027	6.022	6.051	VV	184	1870	0.03%	0.001%
129	6.065	6.051	6.076	VV	177	1408	0.02%	0.001%
130	6.155	6.076	6.179	VV	283	7967	0.12%	0.004%
131	6.199	6.179	6.203	VV	181	1871	0.03%	0.001%
132	6.220	6.203	6.229	VV	178	2132	0.03%	0.001%
133	6.253	6.229	6.265	VV	1068	13226	0.19%	0.006%
134	6.271	6.265	6.315	VV	702	13354	0.19%	0.006%
135	6.320	6.315	6.340	VV	242	2568	0.04%	0.001%
136	6.351	6.340	6.360	VV	182	1727	0.02%	0.001%
137	6.366	6.360	6.377	VV	117	773	0.01%	0.000%
138	6.395	6.377	6.404	VV	173	1764	0.03%	0.001%
139	6.422	6.404	6.454	VV	479	7977	0.12%	0.004%
140	6.459	6.454	6.466	VV	96	501	0.01%	0.000%
141	6.489	6.466	6.512	VV	187	3094	0.04%	0.001%
142	6.517	6.512	6.530	VV	110	909	0.01%	0.000%
143	6.551	6.530	6.581	VV	1092	15431	0.22%	0.007%
144	6.600	6.581	6.620	VV	496	7541	0.11%	0.003%
145	6.631	6.620	6.654	VV	330	5013	0.07%	0.002%
146	6.664	6.654	6.679	VV	193	2306	0.03%	0.001%
147	6.683	6.679	6.690	VV	143	708	0.01%	0.000%
148	6.709	6.690	6.754	VV	647	10820	0.16%	0.005%
149	6.763	6.754	6.767	VV	233	1602	0.02%	0.001%
150	6.789	6.767	6.823	VV	518	9677	0.14%	0.004%
151	6.830	6.823	6.843	VV	174	1638	0.02%	0.001%
152	6.859	6.843	6.885	VV	482	7279	0.11%	0.003%
153	6.895	6.885	6.952	VV	328	5994	0.09%	0.003%
154	6.970	6.952	6.983	VV	201	2198	0.03%	0.001%
155	6.994	6.983	7.010	VV	151	1418	0.02%	0.001%
156	7.038	7.010	7.052	PV	228	3972	0.06%	0.002%
157	7.056	7.052	7.061	VV	244	1131	0.02%	0.001%
158	7.065	7.061	7.088	VV	201	2004	0.03%	0.001%
159	7.115	7.088	7.135	VV	387	6153	0.09%	0.003%
160	7.158	7.135	7.181	VV	303	5918	0.09%	0.003%
161	7.208	7.181	7.234	VV	926	17090	0.25%	0.008%
162	7.240	7.234	7.270	VV	615	10512	0.15%	0.005%
163	7.278	7.270	7.314	VV	583	9973	0.14%	0.004%
164	7.347	7.314	7.371	VV	845	17732	0.26%	0.008%
165	7.388	7.371	7.399	VV	621	7618	0.11%	0.003%
166	7.403	7.399	7.415	VV	436	3770	0.05%	0.002%
167	7.430	7.415	7.470	VV	557	9655	0.14%	0.004%
168	7.485	7.470	7.507	VV	598	7545	0.11%	0.003%
169	7.526	7.507	7.542	VV	1084	13223	0.19%	0.006%
170	7.553	7.542	7.592	VV	550	10377	0.15%	0.005%
171	7.601	7.592	7.620	VV	390	4881	0.07%	0.002%
172	7.656	7.620	7.686	VV	962	20469	0.30%	0.009%
173	7.697	7.686	7.708	VV	334	3923	0.06%	0.002%
174	7.728	7.708	7.764	VV	389	7822	0.11%	0.004%

175	7.784	7.764	7.801	VV	305	4056	0.06%	0.002%
176	7.835	7.801	7.874	VV	471	8469	0.12%	0.004%
177	7.887	7.874	7.902	VV	235	2307	0.03%	0.001%
178	7.909	7.902	7.923	VV	96	775	0.01%	0.000%
179	7.943	7.923	7.975	VV	321	4785	0.07%	0.002%
180	8.032	7.975	8.057	VV	276	7415	0.11%	0.003%
181	8.087	8.057	8.109	PV	1099	18970	0.27%	0.009%
182	8.116	8.109	8.122	VV	613	4545	0.07%	0.002%
183	8.129	8.122	8.163	VV	596	10552	0.15%	0.005%
184	8.185	8.163	8.200	VV	303	5605	0.08%	0.003%
185	8.206	8.200	8.214	VV	177	1133	0.02%	0.001%
186	8.228	8.214	8.247	VV	412	6398	0.09%	0.003%
187	8.267	8.247	8.306	VV	888	16954	0.24%	0.008%
188	8.314	8.306	8.326	VV	407	3967	0.06%	0.002%
189	8.357	8.326	8.387	VV	705	17651	0.25%	0.008%
190	8.393	8.387	8.399	VV	400	2737	0.04%	0.001%
191	8.433	8.399	8.452	VV	1610	31643	0.46%	0.014%
192	8.460	8.452	8.477	VV	1136	13518	0.20%	0.006%
193	8.537	8.477	8.588	VV	2307	68689	0.99%	0.031%
194	8.616	8.588	8.620	VV	573	9326	0.13%	0.004%
195	8.649	8.620	8.684	VV	5512	85346	1.23%	0.038%
196	8.694	8.684	8.729	VV	1284	22221	0.32%	0.010%
197	8.733	8.729	8.739	VV	494	2682	0.04%	0.001%
198	8.760	8.739	8.778	VV	525	9854	0.14%	0.004%
199	8.791	8.778	8.817	VV	363	5854	0.08%	0.003%
200	8.825	8.817	8.847	VV	190	2152	0.03%	0.001%
201	8.871	8.847	8.879	PV	313	3708	0.05%	0.002%
202	8.914	8.879	8.924	VV	1055	17568	0.25%	0.008%
203	8.945	8.924	8.978	VV	2985	49913	0.72%	0.022%
204	8.994	8.978	9.021	VV	1283	26109	0.38%	0.012%
205	9.034	9.021	9.047	VV	905	12622	0.18%	0.006%
206	9.077	9.047	9.107	VV	1109	26539	0.38%	0.012%
207	9.132	9.107	9.149	VV	563	9027	0.13%	0.004%
208	9.167	9.149	9.173	VV	590	7036	0.10%	0.003%
209	9.189	9.173	9.209	VV	876	13700	0.20%	0.006%
210	9.223	9.209	9.245	VV	1046	14640	0.21%	0.007%
211	9.282	9.245	9.329	VV	2004	42137	0.61%	0.019%
212	9.337	9.329	9.344	VV	487	4141	0.06%	0.002%
213	9.364	9.344	9.389	VV	2312	34100	0.49%	0.015%
214	9.401	9.389	9.441	VV	1005	16118	0.23%	0.007%
215	9.460	9.441	9.485	VV	504	7466	0.11%	0.003%
216	9.515	9.485	9.533	PV	781	9411	0.14%	0.004%
217	9.549	9.533	9.577	VV	600	9390	0.14%	0.004%
218	9.601	9.577	9.620	VV	845	11338	0.16%	0.005%
219	9.654	9.620	9.678	VV	667	12258	0.18%	0.005%
220	9.698	9.678	9.720	VV	2824	36725	0.53%	0.016%
221	9.738	9.720	9.794	VV	2217	53362	0.77%	0.024%

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222	9.816	9.794	9.850	VV	1178	23054	0.33%	0.010%
223	9.883	9.850	9.914	VV	1243	26909	0.39%	0.012%
224	9.918	9.914	9.934	VV	542	5534	0.08%	0.002%
225	9.947	9.934	9.958	VV	525	6489	0.09%	0.003%
226	9.971	9.958	9.987	VV	600	8262	0.12%	0.004%
227	10.016	9.987	10.049	VV	32541	377067	5.45%	0.169%
228	10.062	10.049	10.072	VV	2263	29410	0.42%	0.013%
229	10.081	10.072	10.125	VV	2328	41621	0.60%	0.019%
230	10.146	10.125	10.176	VV	2931	47722	0.69%	0.021%
231	10.191	10.176	10.232	VV	887	18559	0.27%	0.008%
232	10.252	10.232	10.284	VV	686	10098	0.15%	0.005%
233	10.321	10.284	10.349	VV	389	7453	0.11%	0.003%
234	10.354	10.349	10.377	VV	118	869	0.01%	0.000%
235	10.387	10.377	10.393	VV	41	213	0.00%	0.000%
236	10.416	10.393	10.433	PV	218	2860	0.04%	0.001%
237	10.452	10.433	10.465	VV	712	8494	0.12%	0.004%
238	10.488	10.465	10.514	VV	7060	80838	1.17%	0.036%
239	10.536	10.514	10.557	VV	1493	20907	0.30%	0.009%
240	10.590	10.557	10.606	VV	1144	22466	0.32%	0.010%
241	10.623	10.606	10.645	VV	1365	19316	0.28%	0.009%
242	10.676	10.645	10.709	VV	906	20007	0.29%	0.009%
243	10.737	10.709	10.775	VV	1500	26849	0.39%	0.012%
244	10.799	10.775	10.827	VV	2702	50404	0.73%	0.023%
245	10.842	10.827	10.864	VV	1832	28654	0.41%	0.013%
246	10.886	10.864	10.903	VV	2866	39693	0.57%	0.018%
247	10.909	10.903	10.925	VV	1047	10587	0.15%	0.005%
248	10.956	10.925	10.980	VV	2639	50527	0.73%	0.023%
249	10.988	10.980	11.003	VV	733	7722	0.11%	0.003%
250	11.015	11.003	11.030	VV	697	8449	0.12%	0.004%
251	11.048	11.030	11.077	VV	575	10847	0.16%	0.005%
252	11.110	11.077	11.122	VV	1618	20927	0.30%	0.009%
253	11.145	11.122	11.197	VV	26128	329349	4.76%	0.148%
254	11.221	11.197	11.250	VV	10038	129472	1.87%	0.058%
255	11.260	11.250	11.269	VV	1006	10637	0.15%	0.005%
256	11.277	11.269	11.299	VV	977	13176	0.19%	0.006%
257	11.315	11.299	11.347	VV	694	13752	0.20%	0.006%
258	11.363	11.347	11.377	VV	269	2581	0.04%	0.001%
259	11.399	11.377	11.417	PV	412	4741	0.07%	0.002%
260	11.446	11.417	11.475	PV	2214	32126	0.46%	0.014%
261	11.519	11.475	11.535	VV	895	16090	0.23%	0.007%
262	11.562	11.535	11.571	VV	1440	20392	0.29%	0.009%
263	11.590	11.571	11.629	VV	3232	49622	0.72%	0.022%
264	11.638	11.629	11.650	VV	697	7399	0.11%	0.003%
265	11.674	11.650	11.708	VV	3331	55219	0.80%	0.025%
266	11.747	11.708	11.765	PV	1134	16988	0.25%	0.008%
267	11.785	11.765	11.821	VV	1203	22706	0.33%	0.010%
268	11.853	11.821	11.890	VV	1837	36719	0.53%	0.016%
269	11.899	11.890	11.921	VV	610	8147	0.12%	0.004%

270	11.950	11.921	11.965	VV	rteres 5077	60292	0.87%	0.027%
271	11.981	11.965	12.026	VV	6454	89084	1.29%	0.040%
272	12.064	12.026	12.083	VV	6108	102710	1.48%	0.046%
273	12.098	12.083	12.112	VV	4350	51536	0.74%	0.023%
274	12.129	12.112	12.167	VV	4959	69114	1.00%	0.031%
275	12.203	12.167	12.221	PV	1105	17305	0.25%	0.008%
276	12.261	12.221	12.297	VV	3444	76161	1.10%	0.034%
277	12.318	12.297	12.340	VV	4176	59951	0.87%	0.027%
278	12.354	12.340	12.399	VV	2141	39871	0.58%	0.018%
279	12.421	12.399	12.447	VV	3419	48853	0.71%	0.022%
280	12.451	12.447	12.463	VV	883	7626	0.11%	0.003%
281	12.516	12.463	12.556	VV	54550	717322	10.36%	0.322%
282	12.564	12.556	12.585	VV	2096	29433	0.43%	0.013%
283	12.598	12.585	12.612	VV	1128	15635	0.23%	0.007%
284	12.629	12.612	12.642	VV	1780	23498	0.34%	0.011%
285	12.674	12.642	12.689	VV	1497	35928	0.52%	0.016%
286	12.696	12.689	12.714	VV	1182	13757	0.20%	0.006%
287	12.742	12.714	12.754	VV	2479	32896	0.48%	0.015%
288	12.763	12.754	12.782	VV	1720	16726	0.24%	0.007%
289	12.811	12.782	12.830	PV	3141	48605	0.70%	0.022%
290	12.851	12.830	12.871	VV	6326	91602	1.32%	0.041%
291	12.904	12.871	12.941	VV	5494	130579	1.89%	0.059%
292	12.969	12.941	13.006	VV	64437	746218	10.78%	0.335%
293	13.011	13.006	13.027	VV	1070	11734	0.17%	0.005%
294	13.042	13.027	13.053	VV	674	9062	0.13%	0.004%
295	13.067	13.053	13.080	VV	639	6821	0.10%	0.003%
296	13.107	13.080	13.133	PV	2570	45489	0.66%	0.020%
297	13.154	13.133	13.172	VV	3298	54153	0.78%	0.024%
298	13.188	13.172	13.193	VV	1985	22641	0.33%	0.010%
299	13.209	13.193	13.239	VV	1966	35535	0.51%	0.016%
300	13.268	13.239	13.304	PV	57383	663148	9.58%	0.297%
301	13.329	13.304	13.345	VV	10347	153333	2.21%	0.069%
302	13.356	13.345	13.374	VV	6184	73846	1.07%	0.033%
303	13.391	13.374	13.412	VV	4582	62428	0.90%	0.028%
304	13.445	13.412	13.464	VV	2446	46768	0.68%	0.021%
305	13.477	13.464	13.497	VV	1860	24046	0.35%	0.011%
306	13.539	13.497	13.572	PV	5599	142448	2.06%	0.064%
307	13.594	13.572	13.647	VV	3980	100538	1.45%	0.045%
308	13.667	13.647	13.684	PV	2008	28673	0.41%	0.013%
309	13.689	13.684	13.707	VV	1516	13339	0.19%	0.006%
310	13.747	13.707	13.777	VV	10652	186460	2.69%	0.084%
311	13.783	13.777	13.803	VV	1311	11710	0.17%	0.005%
312	13.860	13.803	13.889	PV	9462	156703	2.26%	0.070%
313	13.922	13.889	13.941	VV	1080	19795	0.29%	0.009%
314	13.967	13.941	13.989	PV	5328	68599	0.99%	0.031%
315	14.007	13.989	14.031	VV	5834	76577	1.11%	0.034%
316	14.048	14.031	14.074	VV	2592	37213	0.54%	0.017%

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317	14.106	14.074	14.121	VV	6603	99549	1.44%	0.045%
318	14.135	14.121	14.161	VV	6868	99054	1.43%	0.044%
319	14.178	14.161	14.202	VV	4284	51107	0.74%	0.023%
320	14.218	14.202	14.222	VV	442	4127	0.06%	0.002%
321	14.225	14.222	14.231	VV	369	1296	0.02%	0.001%
322	14.254	14.231	14.272	PV	1411	20431	0.30%	0.009%
323	14.331	14.272	14.361	PV	1727	39698	0.57%	0.018%
324	14.387	14.361	14.404	PV	838	10719	0.15%	0.005%
325	14.411	14.404	14.416	VV	342	2044	0.03%	0.001%
326	14.429	14.416	14.437	VV	357	3230	0.05%	0.001%
327	14.469	14.437	14.473	PV	644	8070	0.12%	0.004%
328	14.497	14.473	14.513	VV	2802	41213	0.60%	0.018%
329	14.519	14.513	14.535	VV	1834	20117	0.29%	0.009%
330	14.573	14.535	14.589	VV	3565	74208	1.07%	0.033%
331	14.605	14.589	14.647	VV	6184	105587	1.53%	0.047%
332	14.670	14.647	14.687	PV	4313	60922	0.88%	0.027%
333	14.701	14.687	14.717	VV	2845	45800	0.66%	0.021%
334	14.733	14.717	14.754	VV	3194	49422	0.71%	0.022%
335	14.777	14.754	14.817	VV	6403	130517	1.89%	0.059%
336	14.840	14.817	14.863	VV	9386	132775	1.92%	0.060%
337	14.910	14.863	14.940	VV	6214	142738	2.06%	0.064%
338	14.965	14.940	14.976	VV	2853	39341	0.57%	0.018%
339	15.006	14.976	15.041	VV	67410	961881	13.89%	0.431%
340	15.050	15.041	15.075	VV	1633	20720	0.30%	0.009%
341	15.109	15.075	15.117	VV	3119	39599	0.57%	0.018%
342	15.154	15.117	15.175	VV	33177	482379	6.97%	0.216%
343	15.194	15.175	15.228	VV	34423	484105	6.99%	0.217%
344	15.249	15.228	15.274	VV	2884	52651	0.76%	0.024%
345	15.316	15.274	15.370	VV	8349	210791	3.04%	0.095%
346	15.385	15.370	15.392	VV	3010	30278	0.44%	0.014%
347	15.394	15.392	15.398	VV	2603	8324	0.12%	0.004%
348	15.404	15.398	15.429	VV	2657	28081	0.41%	0.013%
349	15.464	15.429	15.484	PV	5422	84166	1.22%	0.038%
350	15.496	15.484	15.512	VV	2795	39693	0.57%	0.018%
351	15.516	15.512	15.526	VV	2102	14039	0.20%	0.006%
352	15.540	15.526	15.560	VV	2073	27004	0.39%	0.012%
353	15.593	15.560	15.629	PV	36232	560132	8.09%	0.251%
354	15.637	15.629	15.681	VV	3776	63838	0.92%	0.029%
355	15.687	15.681	15.705	VV	677	5087	0.07%	0.002%
356	15.742	15.705	15.768	PV	4931	106728	1.54%	0.048%
357	15.803	15.768	15.812	VV	5687	94595	1.37%	0.042%
358	15.829	15.812	15.848	VV	11188	153435	2.22%	0.069%
359	15.867	15.848	15.896	VV	6941	103241	1.49%	0.046%
360	15.924	15.896	15.930	VV	1370	19109	0.28%	0.009%
361	15.991	15.930	16.016	VV	7171	188039	2.72%	0.084%
362	16.036	16.016	16.047	VV	2331	32407	0.47%	0.015%
363	16.060	16.047	16.086	VV	3776	54539	0.79%	0.024%
364	16.115	16.086	16.134	VV	2669	57120	0.83%	0.026%

365	16.158	16.134	16.172	VV	3488	52367	0.76%	0.023%
366	16.238	16.172	16.247	VV	6467	169821	2.45%	0.076%
367	16.262	16.247	16.287	VV	5730	107359	1.55%	0.048%
368	16.301	16.287	16.316	VV	3700	49689	0.72%	0.022%
369	16.337	16.316	16.348	VV	2963	39235	0.57%	0.018%
370	16.354	16.348	16.383	VV	2481	25602	0.37%	0.011%
371	16.427	16.383	16.456	PV	5373	121961	1.76%	0.055%
372	16.465	16.456	16.484	VV	2878	34154	0.49%	0.015%
373	16.534	16.484	16.561	VV	8524	201313	2.91%	0.090%
374	16.582	16.561	16.587	VV	3223	43931	0.63%	0.020%
375	16.626	16.587	16.653	VV	6508	172355	2.49%	0.077%
376	16.669	16.653	16.675	PV	929	7106	0.10%	0.003%
377	16.685	16.675	16.690	VV	1768	10634	0.15%	0.005%
378	16.721	16.690	16.740	VV	48986	687589	9.93%	0.308%
379	16.747	16.740	16.772	VV	16233	169412	2.45%	0.076%
380	16.798	16.772	16.809	VV	3137	38007	0.55%	0.017%
381	16.818	16.809	16.824	VV	1912	15338	0.22%	0.007%
382	16.852	16.824	16.875	VV	18435	265234	3.83%	0.119%
383	16.890	16.875	16.904	VV	4810	65150	0.94%	0.029%
384	16.907	16.904	16.913	VV	3304	14727	0.21%	0.007%
385	16.926	16.913	16.960	VV	3786	58980	0.85%	0.026%
386	17.013	16.960	17.022	PV	8677	174873	2.53%	0.078%
387	17.044	17.022	17.071	VV	34958	498035	7.19%	0.223%
388	17.075	17.071	17.079	VV	3260	13472	0.19%	0.006%
389	17.102	17.079	17.134	VV	37750	523039	7.55%	0.234%
390	17.207	17.134	17.232	VV	23686	678774	9.80%	0.304%
391	17.255	17.232	17.275	VV	11248	240120	3.47%	0.108%
392	17.287	17.275	17.294	VV	9852	97473	1.41%	0.044%
393	17.309	17.294	17.320	VV	8777	126833	1.83%	0.057%
394	17.333	17.320	17.341	VV	8701	97481	1.41%	0.044%
395	17.360	17.341	17.367	VV	11324	154439	2.23%	0.069%
396	17.373	17.367	17.385	VV	11424	115684	1.67%	0.052%
397	17.391	17.385	17.398	VV	9618	69764	1.01%	0.031%
398	17.418	17.398	17.422	VV	12452	162922	2.35%	0.073%
399	17.432	17.422	17.452	VV	14176	214321	3.10%	0.096%
400	17.476	17.452	17.488	VV	12578	237984	3.44%	0.107%
401	17.507	17.488	17.530	VV	15086	301579	4.36%	0.135%
402	17.562	17.530	17.566	VV	12181	226017	3.26%	0.101%
403	17.604	17.566	17.622	VV	21845	535122	7.73%	0.240%
404	17.634	17.622	17.652	VV	18995	289220	4.18%	0.130%
405	17.683	17.652	17.694	VV	16977	355700	5.14%	0.159%
406	17.715	17.694	17.729	VV	16879	320400	4.63%	0.144%
407	17.759	17.729	17.792	VV	23406	660524	9.54%	0.296%
408	17.815	17.792	17.830	VV	23226	420821	6.08%	0.189%
409	17.848	17.830	17.859	VV	17256	281911	4.07%	0.126%
410	17.865	17.859	17.880	VV	16290	195675	2.83%	0.088%
411	17.902	17.880	17.924	VV	18687	448168	6.47%	0.201%

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412	17.935	17.924	17.950	VV	17187	258444	3.73%	0.116%
413	17.990	17.950	18.005	VV	24969	711655	10.28%	0.319%
414	18.013	18.005	18.026	VV	22810	267497	3.86%	0.120%
415	18.079	18.026	18.110	VV	36862	1388653	20.06%	0.623%
416	18.125	18.110	18.147	VV	23570	484559	7.00%	0.217%
417	18.174	18.147	18.181	VV	25341	467167	6.75%	0.209%
418	18.225	18.181	18.244	VV	48851	1297236	18.74%	0.582%
419	18.256	18.244	18.297	VV	39094	1120269	16.18%	0.502%
420	18.303	18.297	18.308	VV	29388	180905	2.61%	0.081%
421	18.321	18.308	18.337	VV	32574	530305	7.66%	0.238%
422	18.400	18.337	18.403	VV	46180	1354267	19.56%	0.607%
423	18.408	18.403	18.419	VV	46668	412038	5.95%	0.185%
424	18.437	18.419	18.464	VV	54859	1300645	18.79%	0.583%
425	18.488	18.464	18.522	VV	59011	1601118	23.13%	0.718%
426	18.570	18.522	18.577	VV	41710	1282412	18.52%	0.575%
427	18.595	18.577	18.615	VV	58735	1152650	16.65%	0.517%
428	18.622	18.615	18.640	VV	48288	673706	9.73%	0.302%
429	18.651	18.640	18.655	VV	43215	372868	5.39%	0.167%
430	18.667	18.655	18.694	VV	44513	963090	13.91%	0.432%
431	18.745	18.694	18.771	VV	67281	2152665	31.09%	0.965%
432	18.781	18.771	18.786	VV	42733	372055	5.37%	0.167%
433	18.788	18.786	18.799	VV	41774	325308	4.70%	0.146%
434	18.819	18.799	18.829	VV	43904	731226	10.56%	0.328%
435	18.831	18.829	18.837	VV	42751	189379	2.74%	0.085%
436	18.878	18.837	18.890	VV	53389	1503076	21.71%	0.674%
437	18.907	18.890	18.948	VV	57876	1753941	25.33%	0.786%
438	19.019	18.948	19.044	VV	65646	2897702	41.85%	1.299%
439	19.070	19.044	19.101	VV	65855	1912099	27.62%	0.857%
440	19.105	19.101	19.112	VV	50459	329909	4.77%	0.148%
441	19.117	19.112	19.123	VV	51099	336060	4.85%	0.151%
442	19.177	19.123	19.187	VV	65037	2165662	31.28%	0.971%
443	19.203	19.187	19.211	VV	66759	933550	13.48%	0.419%
444	19.216	19.211	19.225	VV	64547	527160	7.61%	0.236%
445	19.231	19.225	19.240	VV	62950	577554	8.34%	0.259%
446	19.275	19.240	19.297	VV	83213	2489170	35.95%	1.116%
447	19.343	19.297	19.385	VV	76826	3736131	53.97%	1.675%
448	19.416	19.385	19.425	VV	73122	1650891	23.85%	0.740%
449	19.448	19.425	19.454	VV	76226	1251915	18.08%	0.561%
450	19.459	19.454	19.475	VV	74241	895469	12.93%	0.401%
451	19.511	19.475	19.517	VV	75000	1737338	25.09%	0.779%
452	19.550	19.517	19.557	VV	78816	1813066	26.19%	0.813%
453	19.562	19.557	19.567	VV	79087	483014	6.98%	0.217%
454	19.587	19.567	19.599	VV	81284	1522311	21.99%	0.683%
455	19.613	19.599	19.635	VV	82949	1706430	24.65%	0.765%
456	19.673	19.635	19.682	VV	80630	2166535	31.29%	0.971%
457	19.735	19.682	19.749	VV	93399	3505828	50.64%	1.572%
458	19.767	19.749	19.783	VV	90049	1792420	25.89%	0.804%
459	19.818	19.783	19.826	VV	96272	2336431	33.75%	1.048%

460	19.832	19.826	19.856	VV	rteres 95639	1659106	23.96%	0.744%
461	19.867	19.856	19.873	VV	93556	914266	13.21%	0.410%
462	19.912	19.873	19.943	VV	103584	4149049	59.93%	1.860%
463	19.983	19.943	20.019	VV	111665	4811395	69.50%	2.157%
464	20.062	20.019	20.103	VV	120471	5650551	81.62%	2.533%
465	20.124	20.103	20.177	VV	113359	4645071	67.09%	2.083%
466	20.199	20.177	20.206	VV	103498	1739980	25.13%	0.780%
467	20.255	20.206	20.262	VV	114804	3711505	53.61%	1.664%
468	20.305	20.262	20.317	VV	137481	4140047	59.80%	1.856%
469	20.322	20.317	20.329	VV	133135	980614	14.16%	0.440%
470	20.354	20.329	20.395	VV	142502	5171702	74.70%	2.319%
471	20.406	20.395	20.416	VV	123483	1528880	22.08%	0.685%
472	20.421	20.416	20.427	VV	122652	850630	12.29%	0.381%
473	20.441	20.427	20.459	VV	128662	2387026	34.48%	1.070%
474	20.479	20.459	20.487	VV	122927	2044259	29.53%	0.917%
475	20.521	20.487	20.535	VV	141836	3783014	54.64%	1.696%
476	20.543	20.535	20.548	VV	139407	1087252	15.70%	0.487%
477	20.558	20.548	20.568	VV	141414	1688680	24.39%	0.757%
478	20.589	20.568	20.596	VV	150667	2416112	34.90%	1.083%
479	20.609	20.596	20.614	VV	154796	1599059	23.10%	0.717%
480	20.622	20.614	20.628	VV	155211	1321417	19.09%	0.592%
481	20.646	20.628	20.682	VV	158659	4869879	70.34%	2.183%
482	20.697	20.682	20.732	VV	143528	4220470	60.96%	1.892%
483	20.749	20.732	20.762	VV	144181	2480792	35.83%	1.112%
484	20.771	20.762	20.779	VV	144065	1464336	21.15%	0.657%
485	20.798	20.779	20.839	VV	147716	5017841	72.48%	2.250%
486	20.856	20.839	20.887	VV	140915	3916797	56.57%	1.756%
487	20.906	20.887	20.923	VV	135395	2816533	40.68%	1.263%
488	20.927	20.923	20.930	VV	128177	578571	8.36%	0.259%
489	20.935	20.930	20.941	VV	129041	826715	11.94%	0.371%
490	20.943	20.941	20.966	VV	126956	1834824	26.50%	0.823%
491	20.988	20.966	21.003	VV	126254	2757129	39.82%	1.236%
492	21.022	21.003	21.068	VV	130157	4873045	70.39%	2.185%
493	21.087	21.068	21.173	VV	122629	6923212	100.00%	3.104%
494	21.182	21.173	21.209	VV	95918	2037620	29.43%	0.914%
495	21.240	21.209	21.249	VV	97153	2152356	31.09%	0.965%
496	21.253	21.249	21.262	VV	93267	753204	10.88%	0.338%
497	21.280	21.262	21.294	VV	96024	1778398	25.69%	0.797%
498	21.298	21.294	21.305	VV	93702	642477	9.28%	0.288%
499	21.339	21.305	21.349	VV	97823	2477610	35.79%	1.111%
500	21.358	21.349	21.364	VV	95436	837497	12.10%	0.375%
501	21.369	21.364	21.386	VV	95406	1252488	18.09%	0.562%
502	21.398	21.386	21.482	VV	94598	4926331	71.16%	2.209%
503	21.488	21.482	21.500	VV	72726	733144	10.59%	0.329%
504	21.506	21.500	21.544	VV	70135	1715951	24.79%	0.769%
505	21.560	21.544	21.575	VV	65664	1162452	16.79%	0.521%
506	21.586	21.575	21.608	VV	66159	1280488	18.50%	0.574%

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507	21.629	21.608	21.638	VV	70750	1243292	17.96%	0.557%
508	21.651	21.638	21.669	VV	70194	1274987	18.42%	0.572%
509	21.680	21.669	21.690	VV	67649	827884	11.96%	0.371%
510	21.701	21.690	21.708	VV	66495	707067	10.21%	0.317%
511	21.718	21.708	21.730	VV	68624	837193	12.09%	0.375%
512	21.737	21.730	21.746	VV	65683	621547	8.98%	0.279%
513	21.750	21.746	21.788	VV	63862	1408282	20.34%	0.631%
514	21.791	21.788	21.809	VV	50360	616233	8.90%	0.276%
515	21.823	21.809	21.837	VV	45139	713933	10.31%	0.320%
516	21.847	21.837	21.861	VV	41287	570677	8.24%	0.256%
517	21.901	21.861	21.925	VV	47433	1691575	24.43%	0.758%
518	21.929	21.925	21.935	VV	42204	254041	3.67%	0.114%
519	21.950	21.935	21.983	VV	44788	1199081	17.32%	0.538%
520	21.988	21.983	22.001	VV	40357	396847	5.73%	0.178%
521	22.021	22.001	22.034	VV	34552	651789	9.41%	0.292%
522	22.042	22.034	22.051	VV	33568	320964	4.64%	0.144%
523	22.090	22.051	22.141	VV	34875	1621696	23.42%	0.727%
524	22.148	22.141	22.174	VV	21723	369650	5.34%	0.166%
525	22.179	22.174	22.185	VV	14811	85155	1.23%	0.038%
526	22.192	22.185	22.201	VV	12087	100270	1.45%	0.045%
527	22.206	22.201	22.216	VV	10949	90249	1.30%	0.040%
528	22.221	22.216	22.227	VV	11103	70328	1.02%	0.032%
529	22.242	22.227	22.247	VV	13338	129472	1.87%	0.058%
530	22.265	22.247	22.290	VV	17761	432770	6.25%	0.194%
531	22.306	22.290	22.317	VV	17899	259408	3.75%	0.116%
532	22.323	22.317	22.354	VV	17630	353916	5.11%	0.159%
533	22.368	22.354	22.387	VV	14914	269805	3.90%	0.121%
534	22.440	22.387	22.451	VV	35906	992747	14.34%	0.445%
535	22.455	22.451	22.469	VV	36745	365134	5.27%	0.164%
536	22.477	22.469	22.531	VV	36748	988144	14.27%	0.443%
537	22.548	22.531	22.580	VBA	16187	472633	6.83%	0.212%
					Sum of corrected areas:	223044166		

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