

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050725\
Data File : FG015793.D
Signal(s) : FID1A.ch
Acq On : 07 May 2025 16:11
Sample : Q1938-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.933	1.927	1.954	PV	83	494	0.01%	0.000%
2	1.976	1.954	2.030	PV	160	3575	0.08%	0.002%
3	2.046	2.030	2.128	VV	192	3745	0.09%	0.003%
4	2.140	2.128	2.145	PV	259	1626	0.04%	0.001%
5	2.156	2.145	2.238	VV	17443	222793	5.16%	0.153%
6	2.253	2.238	2.280	VV	1403	18854	0.44%	0.013%
7	2.284	2.280	2.289	VV	280	1159	0.03%	0.001%
8	2.318	2.289	2.371	VV	840	18457	0.43%	0.013%
9	2.375	2.371	2.392	VV	296	2690	0.06%	0.002%
10	2.398	2.392	2.437	VV	337	5209	0.12%	0.004%
11	2.441	2.437	2.453	VV	175	1503	0.03%	0.001%
12	2.458	2.453	2.466	VV	200	1204	0.03%	0.001%
13	2.479	2.466	2.503	VV	179	3064	0.07%	0.002%
14	2.507	2.503	2.524	VV	238	2108	0.05%	0.001%
15	2.532	2.524	2.567	VV	253	3846	0.09%	0.003%
16	2.571	2.567	2.576	VV	160	717	0.02%	0.000%
17	2.580	2.576	2.593	VV	200	948	0.02%	0.001%
18	2.620	2.593	2.646	VV	1088	13225	0.31%	0.009%
19	2.671	2.646	2.706	VV	283	5921	0.14%	0.004%
20	2.747	2.706	2.755	VV	228	4321	0.10%	0.003%
21	2.764	2.755	2.801	PV	202	3637	0.08%	0.003%
22	2.805	2.801	2.808	VV	162	483	0.01%	0.000%
23	2.818	2.808	2.841	VV	189	2474	0.06%	0.002%
24	2.842	2.841	2.848	VV	146	365	0.01%	0.000%
25	2.905	2.848	2.928	VV	332	11707	0.27%	0.008%
26	2.938	2.928	2.961	VV	298	4840	0.11%	0.003%
27	2.986	2.961	3.025	VV	456	11227	0.26%	0.008%
28	3.034	3.025	3.046	VV	254	2392	0.06%	0.002%
29	3.050	3.046	3.057	VV	224	981	0.02%	0.001%
30	3.065	3.057	3.078	VV	167	1323	0.03%	0.001%
31	3.103	3.078	3.148	VV	505	11703	0.27%	0.008%
32	3.156	3.148	3.182	VV	281	4260	0.10%	0.003%
33	3.184	3.182	3.212	VV	256	2651	0.06%	0.002%
34	3.242	3.212	3.259	VV	206	4192	0.10%	0.003%
35	3.262	3.259	3.270	VV	159	761	0.02%	0.001%
36	3.292	3.270	3.302	VV	178	2122	0.05%	0.001%

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37	3.305	3.302	3.326	VV	164	1584	0.04%	0.001%
38	3.331	3.326	3.355	VV	170	1867	0.04%	0.001%
39	3.364	3.355	3.382	VV	145	1734	0.04%	0.001%
40	3.391	3.382	3.430	VV	170	2962	0.07%	0.002%
41	3.444	3.430	3.460	VV	189	2271	0.05%	0.002%
42	3.469	3.460	3.475	VV	195	1504	0.03%	0.001%
43	3.477	3.475	3.512	VV	249	2640	0.06%	0.002%
44	3.524	3.512	3.560	VV	264	3909	0.09%	0.003%
45	3.597	3.560	3.620	VV	852	11993	0.28%	0.008%
46	3.627	3.620	3.647	VV	114	1340	0.03%	0.001%
47	3.654	3.647	3.665	VV	100	690	0.02%	0.000%
48	3.695	3.665	3.730	VV	245	5764	0.13%	0.004%
49	3.751	3.730	3.797	VV	435	8603	0.20%	0.006%
50	3.799	3.797	3.815	VV	178	1588	0.04%	0.001%
51	3.821	3.815	3.849	VV	193	2999	0.07%	0.002%
52	3.855	3.849	3.878	VV	116	1415	0.03%	0.001%
53	3.883	3.878	3.923	VV	131	1914	0.04%	0.001%
54	3.930	3.923	3.950	VV	125	1014	0.02%	0.001%
55	3.955	3.950	3.958	VV	105	332	0.01%	0.000%
56	3.966	3.958	3.971	VV	145	749	0.02%	0.001%
57	3.975	3.971	3.997	VV	128	823	0.02%	0.001%
58	4.000	3.997	4.009	PV	32	237	0.01%	0.000%
59	4.087	4.009	4.112	VV	591	14889	0.34%	0.010%
60	4.117	4.112	4.124	VV	270	1599	0.04%	0.001%
61	4.130	4.124	4.134	VV	300	1540	0.04%	0.001%
62	4.152	4.134	4.193	VV	400	9647	0.22%	0.007%
63	4.221	4.193	4.244	VV	386	9285	0.22%	0.006%
64	4.276	4.244	4.319	VV	471	14892	0.34%	0.010%
65	4.322	4.319	4.354	VV	341	5048	0.12%	0.003%
66	4.368	4.354	4.379	VV	237	2292	0.05%	0.002%
67	4.390	4.379	4.396	VV	193	1408	0.03%	0.001%
68	4.404	4.396	4.412	VV	188	1369	0.03%	0.001%
69	4.421	4.412	4.426	VV	205	1498	0.03%	0.001%
70	4.429	4.426	4.455	VV	210	2673	0.06%	0.002%
71	4.461	4.455	4.480	VV	197	1922	0.04%	0.001%
72	4.504	4.480	4.540	VV	446	8578	0.20%	0.006%
73	4.589	4.540	4.604	VV	318	7619	0.18%	0.005%
74	4.629	4.604	4.655	VV	520	9370	0.22%	0.006%
75	4.675	4.655	4.691	VV	950	12923	0.30%	0.009%
76	4.698	4.691	4.717	VV	604	6968	0.16%	0.005%
77	4.742	4.717	4.774	VV	774	20302	0.47%	0.014%
78	4.778	4.774	4.804	VV	509	8246	0.19%	0.006%
79	4.810	4.804	4.816	VV	440	3034	0.07%	0.002%
80	4.829	4.816	4.868	VV	473	10970	0.25%	0.008%
81	4.901	4.868	4.932	VV	427	13640	0.32%	0.009%
82	4.935	4.932	4.993	VV	524	15207	0.35%	0.010%
83	4.998	4.993	5.007	VV	458	3634	0.08%	0.002%
84	5.014	5.007	5.028	VV	486	5607	0.13%	0.004%
85	5.037	5.028	5.043	VV	462	3815	0.09%	0.003%
86	5.046	5.043	5.050	VV	441	1982	0.05%	0.001%
87	5.064	5.050	5.077	VV	463	6395	0.15%	0.004%
88	5.092	5.077	5.135	VV	367	9878	0.23%	0.007%
89	5.140	5.135	5.147	VV	304	1703	0.04%	0.001%

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90	5.165	5.147	5.184	VV	715	10099	0.23%	0.007%
91	5.189	5.184	5.204	VV	294	2936	0.07%	0.002%
92	5.215	5.204	5.241	VV	265	4331	0.10%	0.003%
93	5.251	5.241	5.257	VV	275	1885	0.04%	0.001%
94	5.261	5.257	5.267	VV	265	1526	0.04%	0.001%
95	5.268	5.267	5.273	VV	256	778	0.02%	0.001%
96	5.281	5.273	5.300	VV	236	3288	0.08%	0.002%
97	5.304	5.300	5.309	VV	214	979	0.02%	0.001%
98	5.329	5.309	5.335	VV	295	3430	0.08%	0.002%
99	5.359	5.335	5.409	VV	362	11294	0.26%	0.008%
100	5.420	5.409	5.440	VV	281	3720	0.09%	0.003%
101	5.460	5.440	5.520	VV	1278	27108	0.63%	0.019%
102	5.525	5.520	5.571	VV	253	4765	0.11%	0.003%
103	5.579	5.571	5.585	VV	145	949	0.02%	0.001%
104	5.590	5.585	5.614	VV	194	1650	0.04%	0.001%
105	5.650	5.614	5.664	PV	284	4721	0.11%	0.003%
106	5.667	5.664	5.694	VV	286	2921	0.07%	0.002%
107	5.710	5.694	5.717	VV	367	3879	0.09%	0.003%
108	5.719	5.717	5.728	VV	354	2212	0.05%	0.002%
109	5.740	5.728	5.752	VV	577	6725	0.16%	0.005%
110	5.757	5.752	5.781	VV	434	6217	0.14%	0.004%
111	5.805	5.781	5.829	VV	339	7076	0.16%	0.005%
112	5.846	5.829	5.873	VV	288	4865	0.11%	0.003%
113	5.879	5.873	5.882	VV	198	765	0.02%	0.001%
114	5.894	5.882	5.900	VV	246	2044	0.05%	0.001%
115	5.928	5.900	5.950	VV	504	10015	0.23%	0.007%
116	5.970	5.950	6.011	VV	504	13045	0.30%	0.009%
117	6.016	6.011	6.050	VV	299	4662	0.11%	0.003%
118	6.057	6.050	6.072	VV	164	1415	0.03%	0.001%
119	6.120	6.072	6.172	VV	764	15552	0.36%	0.011%
120	6.189	6.172	6.199	VV	206	2713	0.06%	0.002%
121	6.230	6.199	6.251	VV	566	11933	0.28%	0.008%
122	6.266	6.251	6.271	VV	386	4105	0.10%	0.003%
123	6.275	6.271	6.306	VV	438	7362	0.17%	0.005%
124	6.311	6.306	6.315	VV	300	1610	0.04%	0.001%
125	6.320	6.315	6.325	VV	300	1721	0.04%	0.001%
126	6.330	6.325	6.361	VV	355	5308	0.12%	0.004%
127	6.368	6.361	6.381	VV	267	2757	0.06%	0.002%
128	6.398	6.381	6.424	VV	629	10113	0.23%	0.007%
129	6.434	6.424	6.467	VV	403	7339	0.17%	0.005%
130	6.474	6.467	6.503	VV	240	3692	0.09%	0.003%
131	6.531	6.503	6.559	VV	569	9791	0.23%	0.007%
132	6.576	6.559	6.617	VV	438	7992	0.19%	0.005%
133	6.619	6.617	6.665	VV	202	3202	0.07%	0.002%
134	6.686	6.665	6.734	VV	311	5342	0.12%	0.004%
135	6.778	6.734	6.791	PV	457	8415	0.19%	0.006%
136	6.818	6.791	6.938	VV	9775	213500	4.94%	0.147%
137	6.945	6.938	6.959	VV	569	6630	0.15%	0.005%
138	6.966	6.959	6.982	VV	513	6507	0.15%	0.004%
139	6.984	6.982	7.005	VV	420	5319	0.12%	0.004%
140	7.018	7.005	7.064	VV	518	13268	0.31%	0.009%
141	7.068	7.064	7.076	VV	362	2193	0.05%	0.002%

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142	7.094	7.076	7.108	VV	388	6351	0.15%	0.004%
143	7.112	7.108	7.129	VV	299	3299	0.08%	0.002%
144	7.135	7.129	7.162	VV	309	4350	0.10%	0.003%
145	7.176	7.162	7.182	VV	248	2191	0.05%	0.002%
146	7.216	7.182	7.252	VV	628	18676	0.43%	0.013%
147	7.257	7.252	7.291	VV	450	7972	0.18%	0.005%
148	7.302	7.291	7.308	VV	291	2833	0.07%	0.002%
149	7.331	7.308	7.352	VV	460	9473	0.22%	0.007%
150	7.365	7.352	7.380	VV	435	6181	0.14%	0.004%
151	7.395	7.380	7.400	VV	350	3820	0.09%	0.003%
152	7.405	7.400	7.442	VV	432	5633	0.13%	0.004%
153	7.448	7.442	7.451	VV	133	349	0.01%	0.000%
154	7.469	7.451	7.491	VV	327	4544	0.11%	0.003%
155	7.508	7.491	7.555	VV	548	10218	0.24%	0.007%
156	7.573	7.555	7.584	VV	217	2639	0.06%	0.002%
157	7.586	7.584	7.609	VV	209	1849	0.04%	0.001%
158	7.637	7.609	7.692	VV	476	9585	0.22%	0.007%
159	7.719	7.692	7.750	PV	226	4988	0.12%	0.003%
160	7.770	7.750	7.799	VV	236	4960	0.11%	0.003%
161	7.808	7.799	7.814	VV	209	1397	0.03%	0.001%
162	7.815	7.814	7.835	VV	193	1269	0.03%	0.001%
163	7.839	7.835	7.846	VV	93	385	0.01%	0.000%
164	7.854	7.846	7.874	VV	81	727	0.02%	0.001%
165	7.887	7.874	7.899	PV	68	532	0.01%	0.000%
166	7.919	7.899	7.965	VV	1107	14440	0.33%	0.010%
167	8.010	7.965	8.029	VV	160	1752	0.04%	0.001%
168	8.092	8.029	8.127	VV	1590	29003	0.67%	0.020%
169	8.131	8.127	8.159	VV	216	3496	0.08%	0.002%
170	8.169	8.159	8.197	VV	201	2025	0.05%	0.001%
171	8.219	8.197	8.231	PV	203	2357	0.05%	0.002%
172	8.254	8.231	8.265	VV	492	7617	0.18%	0.005%
173	8.273	8.265	8.285	VV	407	4277	0.10%	0.003%
174	8.289	8.285	8.324	VV	393	6688	0.15%	0.005%
175	8.340	8.324	8.363	VV	683	10219	0.24%	0.007%
176	8.397	8.363	8.408	VV	711	14044	0.33%	0.010%
177	8.423	8.408	8.440	VV	685	10621	0.25%	0.007%
178	8.447	8.440	8.467	VV	393	5011	0.12%	0.003%
179	8.492	8.467	8.500	VV	600	9005	0.21%	0.006%
180	8.522	8.500	8.566	VV	1920	35954	0.83%	0.025%
181	8.570	8.566	8.603	VV	335	5146	0.12%	0.004%
182	8.631	8.603	8.697	VV	6768	126355	2.93%	0.087%
183	8.704	8.697	8.738	VV	727	13041	0.30%	0.009%
184	8.754	8.738	8.811	VV	450	11235	0.26%	0.008%
185	8.830	8.811	8.839	PV	162	1743	0.04%	0.001%
186	8.855	8.839	8.860	VV	171	1522	0.04%	0.001%
187	8.905	8.860	8.922	VV	1201	20988	0.49%	0.014%
188	8.932	8.922	8.967	VV	819	18239	0.42%	0.013%
189	8.974	8.967	8.982	VV	737	6349	0.15%	0.004%
190	9.001	8.982	9.047	VV	1844	36573	0.85%	0.025%
191	9.075	9.047	9.095	VV	974	20358	0.47%	0.014%
192	9.119	9.095	9.149	VV	3343	44828	1.04%	0.031%
193	9.167	9.149	9.172	VV	531	6301	0.15%	0.004%
194	9.176	9.172	9.189	VV	512	4204	0.10%	0.003%

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195	9.214	9.189	9.224	VV	585	9165	0.21%	0.006%
196	9.249	9.224	9.256	VV	1232	16539	0.38%	0.011%
197	9.269	9.256	9.317	VV	1600	29171	0.68%	0.020%
198	9.322	9.317	9.327	VV	360	2081	0.05%	0.001%
199	9.353	9.327	9.360	VV	1555	18439	0.43%	0.013%
200	9.389	9.360	9.396	VV	9400	111623	2.59%	0.077%
201	9.407	9.396	9.429	VV	10598	123139	2.85%	0.085%
202	9.442	9.429	9.487	VV	2592	34724	0.80%	0.024%
203	9.502	9.487	9.520	VV	480	6360	0.15%	0.004%
204	9.555	9.520	9.575	VV	810	18986	0.44%	0.013%
205	9.592	9.575	9.623	VV	1050	16891	0.39%	0.012%
206	9.633	9.623	9.668	VV	332	5603	0.13%	0.004%
207	9.696	9.668	9.717	PV	1522	27721	0.64%	0.019%
208	9.740	9.717	9.783	VV	1410	35866	0.83%	0.025%
209	9.813	9.783	9.838	VV	1017	21654	0.50%	0.015%
210	9.862	9.838	9.899	VV	1098	25215	0.58%	0.017%
211	9.911	9.899	9.939	VV	489	6987	0.16%	0.005%
212	9.944	9.939	9.947	VV	134	518	0.01%	0.000%
213	9.967	9.947	9.982	VV	773	9532	0.22%	0.007%
214	10.009	9.982	10.070	VV	11251	210356	4.87%	0.145%
215	10.071	10.070	10.112	VV	1780	27849	0.64%	0.019%
216	10.136	10.112	10.172	VV	3690	54652	1.27%	0.038%
217	10.188	10.172	10.221	VV	471	10856	0.25%	0.007%
218	10.242	10.221	10.269	VV	633	9200	0.21%	0.006%
219	10.305	10.269	10.339	VV	705	14320	0.33%	0.010%
220	10.344	10.339	10.370	VV	108	1100	0.03%	0.001%
221	10.388	10.370	10.407	PV	336	4200	0.10%	0.003%
222	10.414	10.407	10.422	VV	238	1144	0.03%	0.001%
223	10.478	10.422	10.507	VV	1890	31127	0.72%	0.021%
224	10.525	10.507	10.548	VV	781	11661	0.27%	0.008%
225	10.579	10.548	10.604	VV	1226	22718	0.53%	0.016%
226	10.616	10.604	10.640	VV	675	8543	0.20%	0.006%
227	10.664	10.640	10.685	VV	1618	23067	0.53%	0.016%
228	10.695	10.685	10.706	VV	265	2865	0.07%	0.002%
229	10.727	10.706	10.765	VV	2344	32514	0.75%	0.022%
230	10.788	10.765	10.803	VV	2681	33156	0.77%	0.023%
231	10.816	10.803	10.825	VV	1869	20956	0.49%	0.014%
232	10.839	10.825	10.844	VV	1926	18922	0.44%	0.013%
233	10.857	10.844	10.867	VV	2262	28109	0.65%	0.019%
234	10.878	10.867	10.905	VV	2332	32506	0.75%	0.022%
235	10.923	10.905	10.932	VV	1747	20143	0.47%	0.014%
236	10.949	10.932	10.966	VV	2827	38559	0.89%	0.027%
237	10.982	10.966	10.995	VV	2658	33205	0.77%	0.023%
238	11.001	10.995	11.025	VV	1801	19265	0.45%	0.013%
239	11.047	11.025	11.071	VV	3239	36912	0.85%	0.025%
240	11.103	11.071	11.123	VV	4781	63667	1.47%	0.044%
241	11.142	11.123	11.154	VV	3892	48475	1.12%	0.033%
242	11.166	11.154	11.195	VV	4074	62666	1.45%	0.043%
243	11.220	11.195	11.270	VV	6035	113910	2.64%	0.078%
244	11.276	11.270	11.299	VV	1422	19312	0.45%	0.013%
245	11.312	11.299	11.360	VV	1327	25247	0.58%	0.017%
246	11.389	11.360	11.422	VV	758	10874	0.25%	0.007%

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247	11.450	11.422	11.490	PV	734	18690	0.43%	0.013%
248	11.514	11.490	11.537	VV	887	14878	0.34%	0.010%
249	11.557	11.537	11.569	VV	1192	15695	0.36%	0.011%
250	11.585	11.569	11.605	VV	2739	33751	0.78%	0.023%
251	11.611	11.605	11.645	VV	737	12826	0.30%	0.009%
252	11.670	11.645	11.695	VV	2035	31811	0.74%	0.022%
253	11.716	11.695	11.757	VV	4375	64664	1.50%	0.044%
254	11.778	11.757	11.805	VV	5068	68090	1.58%	0.047%
255	11.830	11.805	11.877	VV	5191	90139	2.09%	0.062%
256	11.896	11.877	11.918	VV	1603	24355	0.56%	0.017%
257	11.946	11.918	11.960	VV	1525	23986	0.56%	0.017%
258	11.983	11.960	12.029	VV	2864	75567	1.75%	0.052%
259	12.059	12.029	12.080	VV	3088	57166	1.32%	0.039%
260	12.105	12.080	12.122	VV	2727	54256	1.26%	0.037%
261	12.128	12.122	12.172	VV	2651	37810	0.88%	0.026%
262	12.197	12.172	12.218	PV	1053	15326	0.35%	0.011%
263	12.256	12.218	12.279	VV	2988	59587	1.38%	0.041%
264	12.310	12.279	12.327	VV	2518	48977	1.13%	0.034%
265	12.349	12.327	12.371	VV	2402	49635	1.15%	0.034%
266	12.376	12.371	12.397	VV	1949	19955	0.46%	0.014%
267	12.421	12.397	12.444	VV	8452	110054	2.55%	0.076%
268	12.451	12.444	12.472	VV	1335	17369	0.40%	0.012%
269	12.515	12.472	12.554	VV	22022	296316	6.86%	0.204%
270	12.559	12.554	12.599	VV	1263	25101	0.58%	0.017%
271	12.628	12.599	12.659	VV	1615	41666	0.96%	0.029%
272	12.691	12.659	12.707	VV	1080	23796	0.55%	0.016%
273	12.751	12.707	12.780	VV	1901	46720	1.08%	0.032%
274	12.784	12.780	12.786	VV	128	390	0.01%	0.000%
275	12.822	12.786	12.830	VV	2399	34578	0.80%	0.024%
276	12.848	12.830	12.870	VV	3403	56368	1.31%	0.039%
277	12.900	12.870	12.941	VV	4049	87428	2.02%	0.060%
278	12.967	12.941	13.034	VV	24830	356109	8.25%	0.245%
279	13.066	13.034	13.083	VV	862	15626	0.36%	0.011%
280	13.112	13.083	13.136	VV	2006	33119	0.77%	0.023%
281	13.156	13.136	13.187	VV	1825	29795	0.69%	0.020%
282	13.216	13.187	13.239	VV	1642	26789	0.62%	0.018%
283	13.267	13.239	13.341	PV	27925	450871	10.44%	0.310%
284	13.358	13.341	13.382	VV	2192	35622	0.82%	0.025%
285	13.404	13.382	13.424	VV	1111	21514	0.50%	0.015%
286	13.444	13.424	13.472	VV	1654	26319	0.61%	0.018%
287	13.499	13.472	13.528	VV	5163	98875	2.29%	0.068%
288	13.547	13.528	13.585	VV	4028	83203	1.93%	0.057%
289	13.600	13.585	13.610	VV	2040	24300	0.56%	0.017%
290	13.623	13.610	13.628	VV	1711	16022	0.37%	0.011%
291	13.636	13.628	13.678	VV	1660	35086	0.81%	0.024%
292	13.732	13.678	13.802	VV	2588	86834	2.01%	0.060%
293	13.862	13.802	13.893	PV	5140	102819	2.38%	0.071%
294	13.903	13.893	13.912	VV	1103	9179	0.21%	0.006%
295	13.926	13.912	13.947	VV	1089	15213	0.35%	0.010%
296	13.971	13.947	13.991	VV	2816	43850	1.02%	0.030%
297	14.010	13.991	14.034	VV	3929	60433	1.40%	0.042%
298	14.048	14.034	14.053	VV	2171	21117	0.49%	0.015%
299	14.055	14.053	14.075	VV	1885	13220	0.31%	0.009%

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300	14.108	14.075	14.125	VV	5081	88787	2.06%	0.061%
301	14.142	14.125	14.167	VV	9084	133569	3.09%	0.092%
302	14.180	14.167	14.202	VV	2938	36403	0.84%	0.025%
303	14.214	14.202	14.224	VV	736	7237	0.17%	0.005%
304	14.229	14.224	14.254	VV	427	4488	0.10%	0.003%
305	14.263	14.254	14.267	VV	126	955	0.02%	0.001%
306	14.316	14.267	14.358	PV	4052	70655	1.64%	0.049%
307	14.377	14.358	14.384	PV	399	4310	0.10%	0.003%
308	14.399	14.384	14.415	VV	455	5040	0.12%	0.003%
309	14.419	14.415	14.422	PV	230	650	0.02%	0.000%
310	14.494	14.422	14.530	VV	7389	142874	3.31%	0.098%
311	14.613	14.530	14.645	VV	3844	140554	3.26%	0.097%
312	14.669	14.645	14.692	VV	6744	107047	2.48%	0.074%
313	14.710	14.692	14.723	VV	2760	46946	1.09%	0.032%
314	14.727	14.723	14.749	VV	2579	29848	0.69%	0.021%
315	14.778	14.749	14.796	VV	4586	90903	2.11%	0.063%
316	14.806	14.796	14.823	VV	3620	45321	1.05%	0.031%
317	14.845	14.823	14.869	VV	5927	98469	2.28%	0.068%
318	14.873	14.869	14.879	VV	1987	10949	0.25%	0.008%
319	14.926	14.879	14.937	VV	2643	74308	1.72%	0.051%
320	14.959	14.937	14.964	VV	2634	33927	0.79%	0.023%
321	14.968	14.964	14.973	VV	2183	10226	0.24%	0.007%
322	15.007	14.973	15.037	VV	82168	1148681	26.60%	0.790%
323	15.052	15.037	15.091	VV	3159	54692	1.27%	0.038%
324	15.160	15.091	15.180	PV	14653	277424	6.42%	0.191%
325	15.199	15.180	15.232	VV	17321	289516	6.70%	0.199%
326	15.259	15.232	15.276	VV	2680	47861	1.11%	0.033%
327	15.280	15.276	15.285	VV	1112	4480	0.10%	0.003%
328	15.319	15.285	15.332	VV	3723	64375	1.49%	0.044%
329	15.341	15.332	15.347	VV	2845	22993	0.53%	0.016%
330	15.351	15.347	15.382	VV	2678	36846	0.85%	0.025%
331	15.397	15.382	15.420	VV	1799	20006	0.46%	0.014%
332	15.482	15.420	15.493	PV	1887	39086	0.91%	0.027%
333	15.525	15.493	15.532	VV	1673	28871	0.67%	0.020%
334	15.541	15.532	15.548	VV	1729	11901	0.28%	0.008%
335	15.553	15.548	15.561	VV	1617	9969	0.23%	0.007%
336	15.592	15.561	15.677	VV	57758	907260	21.01%	0.624%
337	15.694	15.677	15.700	VV	528	3396	0.08%	0.002%
338	15.733	15.700	15.767	VV	13514	205817	4.77%	0.142%
339	15.797	15.767	15.819	VV	3344	60664	1.40%	0.042%
340	15.834	15.819	15.857	VV	7020	103561	2.40%	0.071%
341	15.872	15.857	15.899	VV	3578	51078	1.18%	0.035%
342	15.907	15.899	15.912	VV	594	2725	0.06%	0.002%
343	15.919	15.912	15.932	VV	1437	8708	0.20%	0.006%
344	15.954	15.932	15.968	VV	2070	31257	0.72%	0.022%
345	15.997	15.968	16.032	VV	4690	98724	2.29%	0.068%
346	16.040	16.032	16.047	VV	1419	8894	0.21%	0.006%
347	16.068	16.047	16.085	PV	1813	25318	0.59%	0.017%
348	16.091	16.085	16.095	VV	1347	5577	0.13%	0.004%
349	16.112	16.095	16.145	VV	5131	81797	1.89%	0.056%
350	16.167	16.145	16.176	VV	1878	21846	0.51%	0.015%
351	16.195	16.176	16.215	VV	3483	47121	1.09%	0.032%

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352	16.236	16.215	16.273	VV	5944	119315	2.76%	0.082%
353	16.300	16.273	16.333	VV	10806	161040	3.73%	0.111%
354	16.339	16.333	16.354	VV	1307	8431	0.20%	0.006%
355	16.364	16.354	16.379	PV	1287	9048	0.21%	0.006%
356	16.387	16.379	16.399	VV	1018	5676	0.13%	0.004%
357	16.431	16.399	16.439	PV	4805	71937	1.67%	0.049%
358	16.441	16.439	16.455	VV	4065	29385	0.68%	0.020%
359	16.459	16.455	16.464	VV	1715	8282	0.19%	0.006%
360	16.485	16.464	16.497	VV	2969	47331	1.10%	0.033%
361	16.529	16.497	16.567	VV	5421	174691	4.05%	0.120%
362	16.609	16.567	16.659	VV	83922	1344134	31.13%	0.925%
363	16.725	16.659	16.748	VV	49175	883861	20.47%	0.608%
364	16.755	16.748	16.777	VV	12659	170137	3.94%	0.117%
365	16.793	16.777	16.812	VV	9653	157527	3.65%	0.108%
366	16.861	16.812	16.909	VV	10353	364034	8.43%	0.250%
367	16.917	16.909	16.955	VV	6854	153274	3.55%	0.105%
368	16.983	16.955	16.992	VV	7142	125635	2.91%	0.086%
369	17.013	16.992	17.027	VV	9446	159016	3.68%	0.109%
370	17.053	17.027	17.076	VV	20970	390489	9.04%	0.269%
371	17.114	17.076	17.135	VV	22314	506158	11.72%	0.348%
372	17.159	17.135	17.173	VV	12551	232008	5.37%	0.160%
373	17.191	17.173	17.198	VV	15700	186550	4.32%	0.128%
374	17.216	17.198	17.225	VV	17540	252765	5.85%	0.174%
375	17.234	17.225	17.242	VV	15666	145096	3.36%	0.100%
376	17.269	17.242	17.302	VV	59404	994730	23.04%	0.684%
377	17.329	17.302	17.342	VV	9634	194455	4.50%	0.134%
378	17.369	17.342	17.393	VV	10859	277908	6.44%	0.191%
379	17.429	17.393	17.449	VV	13624	359919	8.34%	0.248%
380	17.454	17.449	17.459	VV	9723	59197	1.37%	0.041%
381	17.511	17.459	17.528	VV	14750	489704	11.34%	0.337%
382	17.557	17.528	17.591	VV	105754	1789470	41.44%	1.231%
383	17.608	17.591	17.619	VV	18305	270030	6.25%	0.186%
384	17.644	17.619	17.672	VV	84148	1370345	31.74%	0.943%
385	17.683	17.672	17.699	VV	14535	211820	4.91%	0.146%
386	17.731	17.699	17.777	VV	20182	721234	16.70%	0.496%
387	17.782	17.777	17.792	VV	14387	114881	2.66%	0.079%
388	17.809	17.792	17.838	VV	18326	387184	8.97%	0.266%
389	17.842	17.838	17.847	VV	12815	60875	1.41%	0.042%
390	17.852	17.847	17.858	VV	11615	70538	1.63%	0.049%
391	17.865	17.858	17.870	VV	11491	73342	1.70%	0.050%
392	17.890	17.870	17.897	VV	11626	170924	3.96%	0.118%
393	17.934	17.897	17.960	VV	14141	476618	11.04%	0.328%
394	18.010	17.960	18.030	VV	23093	729549	16.90%	0.502%
395	18.049	18.030	18.054	VV	23892	298180	6.91%	0.205%
396	18.059	18.054	18.064	VV	23645	129270	2.99%	0.089%
397	18.085	18.064	18.112	VV	34115	728071	16.86%	0.501%
398	18.121	18.112	18.130	VV	19387	202936	4.70%	0.140%
399	18.172	18.130	18.200	VV	105207	1938101	44.88%	1.333%
400	18.223	18.200	18.244	VV	29407	604627	14.00%	0.416%
401	18.257	18.244	18.262	VV	20069	210298	4.87%	0.145%
402	18.272	18.262	18.287	VV	21500	296187	6.86%	0.204%
403	18.310	18.287	18.337	VV	22161	564554	13.07%	0.388%
404	18.403	18.337	18.415	VV	32063	995397	23.05%	0.685%

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405	18.440	18.415	18.461	VV	101731	1881149	43.56%	1.294%
406	18.479	18.461	18.484	VV	66899	818688	18.96%	0.563%
407	18.505	18.484	18.540	VV	117931	2281538	52.84%	1.570%
408	18.547	18.540	18.560	VV	25906	277015	6.42%	0.191%
409	18.598	18.560	18.618	VV	40627	1053265	24.39%	0.725%
410	18.631	18.618	18.653	VV	28615	537311	12.44%	0.370%
411	18.666	18.653	18.688	VV	25659	486616	11.27%	0.335%
412	18.710	18.688	18.720	VV	25238	414962	9.61%	0.285%
413	18.723	18.720	18.728	VV	21227	100728	2.33%	0.069%
414	18.751	18.728	18.778	VV	38244	877708	20.33%	0.604%
415	18.782	18.778	18.799	VV	28015	337725	7.82%	0.232%
416	18.803	18.799	18.814	VV	28737	236263	5.47%	0.163%
417	18.821	18.814	18.842	VV	27933	441436	10.22%	0.304%
418	18.867	18.842	18.876	VV	34279	609617	14.12%	0.419%
419	18.912	18.876	18.963	VV	53321	2016416	46.70%	1.387%
420	19.020	18.963	19.054	VV	134098	3196448	74.03%	2.199%
421	19.069	19.054	19.080	VV	38074	583523	13.51%	0.401%
422	19.087	19.080	19.122	VV	35988	800676	18.54%	0.551%
423	19.127	19.122	19.134	VV	29436	209288	4.85%	0.144%
424	19.162	19.134	19.175	VV	32935	744886	17.25%	0.512%
425	19.195	19.175	19.215	VV	41018	850156	19.69%	0.585%
426	19.219	19.215	19.225	VV	34399	185587	4.30%	0.128%
427	19.272	19.225	19.302	VV	206329	4318047	100.00%	2.971%
428	19.320	19.302	19.369	VV	67978	2173794	50.34%	1.495%
429	19.389	19.369	19.406	VV	54050	1088572	25.21%	0.749%
430	19.447	19.406	19.464	VV	63779	1904968	44.12%	1.311%
431	19.468	19.464	19.489	VV	54144	727994	16.86%	0.501%
432	19.493	19.489	19.502	VV	44131	319512	7.40%	0.220%
433	19.506	19.502	19.509	VV	39858	159558	3.70%	0.110%
434	19.551	19.509	19.564	VV	64197	1679395	38.89%	1.155%
435	19.569	19.564	19.588	VV	56733	726293	16.82%	0.500%
436	19.593	19.588	19.600	VV	45740	311016	7.20%	0.214%
437	19.614	19.600	19.629	VV	45521	741357	17.17%	0.510%
438	19.638	19.629	19.649	VV	42330	493584	11.43%	0.340%
439	19.687	19.649	19.690	VV	46504	1090650	25.26%	0.750%
440	19.699	19.690	19.707	VV	52075	496683	11.50%	0.342%
441	19.711	19.707	19.717	VV	52589	303632	7.03%	0.209%
442	19.728	19.717	19.744	VV	56659	875208	20.27%	0.602%
443	19.771	19.744	19.792	VV	96190	2028048	46.97%	1.395%
444	19.813	19.792	19.842	VV	102573	2261695	52.38%	1.556%
445	19.849	19.842	19.854	VV	52492	344560	7.98%	0.237%
446	19.857	19.854	19.864	VV	50934	289722	6.71%	0.199%
447	19.885	19.864	19.891	VV	53372	810796	18.78%	0.558%
448	19.905	19.891	19.910	VV	55142	589537	13.65%	0.406%
449	19.914	19.910	19.942	VV	55933	1021048	23.65%	0.702%
450	19.947	19.942	19.951	VV	52060	259498	6.01%	0.179%
451	19.988	19.951	20.014	VV	81125	2515697	58.26%	1.731%
452	20.053	20.014	20.084	VV	119019	3396153	78.65%	2.336%
453	20.089	20.084	20.093	VV	71574	399851	9.26%	0.275%
454	20.099	20.093	20.122	VV	73721	1194975	27.67%	0.822%
455	20.129	20.122	20.139	VV	66518	658775	15.26%	0.453%
456	20.143	20.139	20.170	VV	62938	1112970	25.77%	0.766%

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457	20.176	20.170	20.180	VV	59994	322486	7.47%	0.222%
458	20.214	20.180	20.229	VV	68156	1859548	43.06%	1.279%
459	20.249	20.229	20.266	VV	67837	1427441	33.06%	0.982%
460	20.300	20.266	20.337	VV	75531	2822446	65.36%	1.942%
461	20.346	20.337	20.351	VV	63287	516065	11.95%	0.355%
462	20.356	20.351	20.361	VV	62756	355924	8.24%	0.245%
463	20.384	20.361	20.399	VV	64602	1428042	33.07%	0.982%
464	20.404	20.399	20.415	VV	65009	583235	13.51%	0.401%
465	20.426	20.415	20.429	VV	63623	521680	12.08%	0.359%
466	20.446	20.429	20.452	VV	68000	908917	21.05%	0.625%
467	20.488	20.452	20.504	VV	75079	2222559	51.47%	1.529%
468	20.509	20.504	20.512	VV	76234	378063	8.76%	0.260%
469	20.518	20.512	20.532	VV	76906	872111	20.20%	0.600%
470	20.539	20.532	20.546	VV	76759	635988	14.73%	0.438%
471	20.565	20.546	20.571	VV	79351	1145387	26.53%	0.788%
472	20.575	20.571	20.580	VV	76502	397422	9.20%	0.273%
473	20.585	20.580	20.607	VV	77182	1173158	27.17%	0.807%
474	20.626	20.607	20.632	VV	75087	1032109	23.90%	0.710%
475	20.647	20.632	20.651	VV	75114	864055	20.01%	0.594%
476	20.660	20.651	20.666	VV	76290	640904	14.84%	0.441%
477	20.670	20.666	20.689	VV	73790	1006909	23.32%	0.693%
478	20.749	20.689	20.769	VV	88497	3724490	86.25%	2.562%
479	20.777	20.769	20.838	VV	87835	3258111	75.45%	2.241%
480	20.845	20.838	20.855	VV	73829	744138	17.23%	0.512%
481	20.865	20.855	20.874	VV	76737	845810	19.59%	0.582%
482	20.884	20.874	20.891	VV	78277	772267	17.88%	0.531%
483	20.896	20.891	20.924	VV	77798	1517400	35.14%	1.044%
484	20.956	20.924	20.962	VV	78162	1688094	39.09%	1.161%
485	20.966	20.962	20.982	VV	76854	918234	21.27%	0.632%
486	20.986	20.982	20.991	VV	71394	368693	8.54%	0.254%
487	20.994	20.991	21.024	VV	70019	1293090	29.95%	0.890%
488	21.032	21.024	21.038	VV	66983	560821	12.99%	0.386%
489	21.055	21.038	21.059	VV	67911	816628	18.91%	0.562%
490	21.067	21.059	21.072	VV	68663	554873	12.85%	0.382%
491	21.077	21.072	21.112	VV	68191	1465014	33.93%	1.008%
492	21.124	21.112	21.166	VV	58240	1715951	39.74%	1.181%
493	21.171	21.166	21.201	VV	54857	1106845	25.63%	0.761%
494	21.205	21.201	21.218	VV	51807	489857	11.34%	0.337%
495	21.223	21.218	21.228	VV	50236	315826	7.31%	0.217%
496	21.233	21.228	21.253	VV	49009	689806	15.97%	0.475%
497	21.267	21.253	21.288	VV	51645	1017830	23.57%	0.700%
498	21.303	21.288	21.308	VV	50503	588342	13.63%	0.405%
499	21.313	21.308	21.318	VV	51512	297016	6.88%	0.204%
500	21.324	21.318	21.331	VV	52137	375684	8.70%	0.258%
501	21.337	21.331	21.350	VV	52904	574581	13.31%	0.395%
502	21.362	21.350	21.374	VV	51402	693991	16.07%	0.477%
503	21.378	21.374	21.383	VV	46118	228743	5.30%	0.157%
504	21.386	21.383	21.399	VV	44924	417848	9.68%	0.287%
505	21.403	21.399	21.408	VV	42133	207550	4.81%	0.143%
506	21.412	21.408	21.454	VV	40648	985263	22.82%	0.678%
507	21.457	21.454	21.460	VV	30926	122762	2.84%	0.084%
508	21.465	21.460	21.479	VV	33397	333301	7.72%	0.229%
509	21.505	21.479	21.520	VV	33796	785330	18.19%	0.540%

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510	21.527	21.520	21.543	VV	31785	406892	9.42%	0.280%
511	21.550	21.543	21.556	VV	30805	227813	5.28%	0.157%
512	21.570	21.556	21.578	VV	32590	408596	9.46%	0.281%
513	21.587	21.578	21.597	VV	37714	375258	8.69%	0.258%
514	21.624	21.597	21.648	VV	40451	1133869	26.26%	0.780%
515	21.656	21.648	21.672	VV	38785	510016	11.81%	0.351%
516	21.677	21.672	21.687	VV	37498	310081	7.18%	0.213%
517	21.696	21.687	21.702	VV	36950	293800	6.80%	0.202%
518	21.708	21.702	21.714	VV	34984	227837	5.28%	0.157%
519	21.728	21.714	21.744	VV	32852	548570	12.70%	0.377%
520	21.749	21.744	21.754	VV	28609	163815	3.79%	0.113%
521	21.759	21.754	21.765	VV	29939	194180	4.50%	0.134%
522	21.778	21.765	21.821	VV	28753	756487	17.52%	0.520%
523	21.845	21.821	21.854	VV	22326	361713	8.38%	0.249%
524	21.866	21.854	21.899	VV	19205	415634	9.63%	0.286%
525	21.913	21.899	21.918	VV	13937	144479	3.35%	0.099%
526	21.924	21.918	21.930	VV	14660	94008	2.18%	0.065%
527	21.933	21.930	21.947	VV	15460	116887	2.71%	0.080%
528	21.966	21.947	21.970	VV	14181	163249	3.78%	0.112%
529	21.997	21.970	22.030	VV	16315	506180	11.72%	0.348%
530	22.039	22.030	22.060	VV	16645	247715	5.74%	0.170%
531	22.065	22.060	22.087	VV	13290	179385	4.15%	0.123%
532	22.091	22.087	22.102	VV	11419	86950	2.01%	0.060%
533	22.119	22.102	22.164	VV	14465	432070	10.01%	0.297%
534	22.168	22.164	22.177	VV	10973	81077	1.88%	0.056%
535	22.181	22.177	22.195	VV	9460	73840	1.71%	0.051%
536	22.207	22.195	22.214	VV	7347	54434	1.26%	0.037%
537	22.251	22.214	22.256	VV	8750	162819	3.77%	0.112%
538	22.296	22.256	22.301	VV	14588	266854	6.18%	0.184%
539	22.312	22.301	22.317	VV	18473	144645	3.35%	0.100%
540	22.337	22.317	22.345	VV	16053	238984	5.53%	0.164%
541	22.351	22.345	22.360	VV	13249	94179	2.18%	0.065%
542	22.369	22.360	22.400	VBA	8550	186807	4.33%	0.129%
					Sum of corrected areas: 145357283			

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