

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050725\
 Data File : FG015791.D
 Signal(s) : FID1A.ch
 Acq On : 07 May 2025 15:13
 Sample : Q1937-11
 Misc :
 ALS Vial : 26 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	1.977	1.958	1.982	BV	126	446	0.01%	0.001%
2	1.988	1.982	2.022	PV	110	1126	0.04%	0.001%
3	2.027	2.022	2.039	PV	126	804	0.03%	0.001%
4	2.053	2.039	2.076	VV	238	3263	0.10%	0.004%
5	2.079	2.076	2.098	VV	125	917	0.03%	0.001%
6	2.101	2.098	2.120	VV	116	712	0.02%	0.001%
7	2.124	2.120	2.132	PV	91	372	0.01%	0.000%
8	2.144	2.132	2.152	PV	239	1444	0.05%	0.002%
9	2.164	2.152	2.232	VV	6495	87347	2.78%	0.115%
10	2.255	2.232	2.289	VV	1350	17711	0.56%	0.023%
11	2.302	2.289	2.306	VV	240	1544	0.05%	0.002%
12	2.321	2.306	2.351	VV	600	9566	0.30%	0.013%
13	2.374	2.351	2.379	VV	418	5354	0.17%	0.007%
14	2.381	2.379	2.397	VV	426	3910	0.12%	0.005%
15	2.411	2.397	2.447	VV	521	11723	0.37%	0.015%
16	2.453	2.447	2.462	VV	369	2681	0.09%	0.004%
17	2.465	2.462	2.471	VV	329	1528	0.05%	0.002%
18	2.473	2.471	2.495	VV	277	3682	0.12%	0.005%
19	2.499	2.495	2.513	VV	271	2434	0.08%	0.003%
20	2.515	2.513	2.520	VV	245	993	0.03%	0.001%
21	2.523	2.520	2.539	VV	322	2543	0.08%	0.003%
22	2.544	2.539	2.550	VV	257	1523	0.05%	0.002%
23	2.553	2.550	2.603	VV	283	5261	0.17%	0.007%
24	2.621	2.603	2.654	VV	1292	17114	0.55%	0.022%
25	2.665	2.654	2.695	VV	229	4041	0.13%	0.005%
26	2.699	2.695	2.719	VV	152	1467	0.05%	0.002%
27	2.737	2.719	2.763	VV	180	3622	0.12%	0.005%
28	2.765	2.763	2.773	VV	169	671	0.02%	0.001%
29	2.776	2.773	2.825	VV	172	2433	0.08%	0.003%
30	2.837	2.825	2.846	PV	109	530	0.02%	0.001%
31	2.848	2.846	2.884	VV	117	1618	0.05%	0.002%
32	2.888	2.884	2.898	VV	109	723	0.02%	0.001%
33	2.910	2.898	2.924	VV	193	1719	0.05%	0.002%
34	2.941	2.924	2.957	VV	196	2369	0.08%	0.003%
35	2.962	2.957	2.970	VV	201	1106	0.04%	0.001%
36	2.989	2.970	3.014	VV	218	3824	0.12%	0.005%

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37	3.018	3.014	3.026	VV	132	801	0.03%	0.001%
38	3.031	3.026	3.044	VV	182	1356	0.04%	0.002%
39	3.049	3.044	3.063	VV	157	773	0.02%	0.001%
40	3.066	3.063	3.072	VV	105	436	0.01%	0.001%
41	3.077	3.072	3.139	VV	116	3117	0.10%	0.004%
42	3.144	3.139	3.173	VV	115	1619	0.05%	0.002%
43	3.181	3.173	3.194	VV	173	1268	0.04%	0.002%
44	3.203	3.194	3.208	VV	165	866	0.03%	0.001%
45	3.215	3.208	3.220	VV	145	511	0.02%	0.001%
46	3.228	3.220	3.233	VV	139	649	0.02%	0.001%
47	3.245	3.233	3.252	VV	227	1521	0.05%	0.002%
48	3.258	3.252	3.272	VV	129	1304	0.04%	0.002%
49	3.295	3.272	3.302	VV	191	1946	0.06%	0.003%
50	3.305	3.302	3.318	VV	110	963	0.03%	0.001%
51	3.329	3.318	3.354	VV	192	2853	0.09%	0.004%
52	3.367	3.354	3.385	VV	231	3143	0.10%	0.004%
53	3.391	3.385	3.406	VV	182	1668	0.05%	0.002%
54	3.414	3.406	3.425	VV	165	1569	0.05%	0.002%
55	3.428	3.425	3.444	VV	212	1794	0.06%	0.002%
56	3.452	3.444	3.462	VV	221	1842	0.06%	0.002%
57	3.473	3.462	3.495	VV	192	2940	0.09%	0.004%
58	3.497	3.495	3.505	VV	149	586	0.02%	0.001%
59	3.525	3.505	3.552	PV	234	4214	0.13%	0.006%
60	3.554	3.552	3.568	VV	205	1131	0.04%	0.001%
61	3.596	3.568	3.629	VV	2046	26453	0.84%	0.035%
62	3.674	3.629	3.684	VV	192	3392	0.11%	0.004%
63	3.694	3.684	3.708	VV	218	2553	0.08%	0.003%
64	3.713	3.708	3.718	VV	214	1066	0.03%	0.001%
65	3.747	3.718	3.782	VV	1900	26663	0.85%	0.035%
66	3.787	3.782	3.813	VV	232	3369	0.11%	0.004%
67	3.825	3.813	3.835	VV	234	2381	0.08%	0.003%
68	3.838	3.835	3.862	VV	231	2334	0.07%	0.003%
69	3.868	3.862	3.873	VV	185	792	0.03%	0.001%
70	3.879	3.873	3.884	VV	150	717	0.02%	0.001%
71	3.891	3.884	3.897	VV	141	792	0.03%	0.001%
72	3.900	3.897	3.909	VV	130	725	0.02%	0.001%
73	3.916	3.909	3.922	VV	138	806	0.03%	0.001%
74	3.936	3.922	3.948	VV	214	1667	0.05%	0.002%
75	3.962	3.948	4.008	VV	181	2492	0.08%	0.003%
76	4.014	4.008	4.030	PV	109	881	0.03%	0.001%
77	4.049	4.030	4.066	VV	467	6206	0.20%	0.008%
78	4.084	4.066	4.123	VV	1187	18646	0.59%	0.024%
79	4.147	4.123	4.182	VV	446	13484	0.43%	0.018%
80	4.187	4.182	4.201	VV	398	3673	0.12%	0.005%
81	4.220	4.201	4.263	VV	454	12657	0.40%	0.017%
82	4.291	4.263	4.351	VV	722	20622	0.66%	0.027%
83	4.354	4.351	4.361	VV	336	1580	0.05%	0.002%
84	4.364	4.361	4.383	VV	276	2582	0.08%	0.003%
85	4.387	4.383	4.394	VV	174	1107	0.04%	0.001%
86	4.398	4.394	4.405	VV	197	1268	0.04%	0.002%
87	4.423	4.405	4.453	VV	227	4988	0.16%	0.007%
88	4.456	4.453	4.462	VV	219	976	0.03%	0.001%
89	4.463	4.462	4.474	VV	212	1136	0.04%	0.001%

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90	4.504	4.474	4.531	VV	506	8083	0.26%	0.011%
91	4.532	4.531	4.567	VV	238	3659	0.12%	0.005%
92	4.582	4.567	4.597	VV	246	3529	0.11%	0.005%
93	4.615	4.597	4.645	VV	758	12069	0.38%	0.016%
94	4.651	4.645	4.654	VV	227	925	0.03%	0.001%
95	4.693	4.654	4.708	VV	1177	20530	0.65%	0.027%
96	4.721	4.708	4.795	VV	1221	21989	0.70%	0.029%
97	4.801	4.795	4.807	VV	195	1172	0.04%	0.002%
98	4.822	4.807	4.862	VV	224	5127	0.16%	0.007%
99	4.869	4.862	4.877	VV	118	768	0.02%	0.001%
100	4.882	4.877	4.889	VV	119	765	0.02%	0.001%
101	4.893	4.889	4.901	VV	173	999	0.03%	0.001%
102	4.919	4.901	4.932	VV	246	3494	0.11%	0.005%
103	4.942	4.932	4.952	VV	277	2382	0.08%	0.003%
104	4.956	4.952	4.966	VV	209	1434	0.05%	0.002%
105	4.979	4.966	4.990	VV	232	2713	0.09%	0.004%
106	5.001	4.990	5.007	VV	255	1990	0.06%	0.003%
107	5.011	5.007	5.020	VV	214	1463	0.05%	0.002%
108	5.029	5.020	5.035	VV	249	1528	0.05%	0.002%
109	5.041	5.035	5.045	VV	236	1228	0.04%	0.002%
110	5.062	5.045	5.072	VV	309	3957	0.13%	0.005%
111	5.077	5.072	5.082	VV	236	1256	0.04%	0.002%
112	5.088	5.082	5.093	VV	217	1249	0.04%	0.002%
113	5.097	5.093	5.101	VV	231	827	0.03%	0.001%
114	5.104	5.101	5.129	VV	208	2674	0.09%	0.004%
115	5.165	5.129	5.187	VV	532	10097	0.32%	0.013%
116	5.192	5.187	5.196	VV	287	1533	0.05%	0.002%
117	5.204	5.196	5.236	VV	300	5936	0.19%	0.008%
118	5.249	5.236	5.287	VV	340	7952	0.25%	0.010%
119	5.290	5.287	5.294	VV	255	947	0.03%	0.001%
120	5.297	5.294	5.301	VV	248	920	0.03%	0.001%
121	5.320	5.301	5.339	VV	307	5557	0.18%	0.007%
122	5.342	5.339	5.385	VV	261	6123	0.20%	0.008%
123	5.389	5.385	5.398	VV	216	1493	0.05%	0.002%
124	5.406	5.398	5.415	VV	199	1776	0.06%	0.002%
125	5.417	5.415	5.438	VV	239	2070	0.07%	0.003%
126	5.461	5.438	5.522	VV	621	17146	0.55%	0.022%
127	5.526	5.522	5.581	VV	229	4501	0.14%	0.006%
128	5.591	5.581	5.617	VV	151	1547	0.05%	0.002%
129	5.650	5.617	5.692	PV	321	6655	0.21%	0.009%
130	5.734	5.692	5.755	VV	690	16636	0.53%	0.022%
131	5.766	5.755	5.779	VV	544	7127	0.23%	0.009%
132	5.802	5.779	5.870	VV	20967	222764	7.10%	0.292%
133	5.918	5.870	5.955	VV	769	17546	0.56%	0.023%
134	5.971	5.955	6.003	VV	326	5816	0.19%	0.008%
135	6.022	6.003	6.046	VV	254	4181	0.13%	0.005%
136	6.050	6.046	6.074	VV	149	1227	0.04%	0.002%
137	6.119	6.074	6.142	VV	313	6592	0.21%	0.009%
138	6.150	6.142	6.156	VV	117	712	0.02%	0.001%
139	6.164	6.156	6.180	VV	164	1608	0.05%	0.002%
140	6.189	6.180	6.199	VV	217	1493	0.05%	0.002%
141	6.203	6.199	6.207	VV	199	791	0.03%	0.001%

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142	6.221	6.207	6.241	VV	396	6189	0.20%	0.008%
143	6.263	6.241	6.273	VV	529	8075	0.26%	0.011%
144	6.279	6.273	6.286	VV	457	3393	0.11%	0.004%
145	6.291	6.286	6.305	VV	423	4385	0.14%	0.006%
146	6.309	6.305	6.319	VV	360	2603	0.08%	0.003%
147	6.323	6.319	6.355	VV	406	7105	0.23%	0.009%
148	6.370	6.355	6.387	VV	940	11797	0.38%	0.015%
149	6.397	6.387	6.415	VV	571	8730	0.28%	0.011%
150	6.423	6.415	6.489	VV	531	15574	0.50%	0.020%
151	6.490	6.489	6.513	VV	239	2424	0.08%	0.003%
152	6.547	6.513	6.600	VV	504	15524	0.49%	0.020%
153	6.611	6.600	6.619	VV	144	1340	0.04%	0.002%
154	6.625	6.619	6.634	VV	139	957	0.03%	0.001%
155	6.638	6.634	6.647	VV	145	925	0.03%	0.001%
156	6.650	6.647	6.656	VV	98	538	0.02%	0.001%
157	6.688	6.656	6.742	VV	356	8758	0.28%	0.011%
158	6.780	6.742	6.820	VV	574	16604	0.53%	0.022%
159	6.833	6.820	6.865	VV	364	5859	0.19%	0.008%
160	6.872	6.865	6.883	VV	172	1383	0.04%	0.002%
161	6.893	6.883	6.923	VV	206	2923	0.09%	0.004%
162	6.926	6.923	6.930	VV	73	229	0.01%	0.000%
163	6.980	6.930	6.994	PV	410	9599	0.31%	0.013%
164	7.047	6.994	7.053	VV	627	16607	0.53%	0.022%
165	7.055	7.053	7.074	VV	530	6182	0.20%	0.008%
166	7.083	7.074	7.152	VV	468	14091	0.45%	0.018%
167	7.167	7.152	7.181	VV	279	3674	0.12%	0.005%
168	7.207	7.181	7.212	VV	495	6180	0.20%	0.008%
169	7.216	7.212	7.231	VV	516	5541	0.18%	0.007%
170	7.258	7.231	7.455	VV	151373	1989524	63.37%	2.610%
171	7.462	7.455	7.487	VV	1205	20514	0.65%	0.027%
172	7.507	7.487	7.562	VV	1076	40455	1.29%	0.053%
173	7.566	7.562	7.611	VV	780	18858	0.60%	0.025%
174	7.615	7.611	7.620	VV	535	2735	0.09%	0.004%
175	7.632	7.620	7.680	VV	731	19981	0.64%	0.026%
176	7.709	7.680	7.719	VV	1065	18399	0.59%	0.024%
177	7.720	7.719	7.783	VV	983	27699	0.88%	0.036%
178	7.786	7.783	7.829	VV	491	11866	0.38%	0.016%
179	7.836	7.829	7.841	VV	328	2236	0.07%	0.003%
180	7.847	7.841	7.868	VV	367	4827	0.15%	0.006%
181	7.882	7.868	7.898	VV	470	7623	0.24%	0.010%
182	7.919	7.898	7.961	VV	1155	19877	0.63%	0.026%
183	7.968	7.961	7.972	VV	211	1305	0.04%	0.002%
184	7.976	7.972	7.979	VV	211	769	0.02%	0.001%
185	7.992	7.979	8.015	VV	286	4868	0.16%	0.006%
186	8.017	8.015	8.025	VV	203	925	0.03%	0.001%
187	8.091	8.025	8.119	VV	1478	33316	1.06%	0.044%
188	8.124	8.119	8.130	VV	473	2935	0.09%	0.004%
189	8.136	8.130	8.150	VV	444	4646	0.15%	0.006%
190	8.162	8.150	8.166	VV	368	3182	0.10%	0.004%
191	8.169	8.166	8.187	VV	319	3371	0.11%	0.004%
192	8.211	8.187	8.240	VV	301	7033	0.22%	0.009%
193	8.259	8.240	8.265	VV	630	7121	0.23%	0.009%
194	8.269	8.265	8.317	VV	589	10500	0.33%	0.014%

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195	8.342	8.317	8.357	VV	531	7775	0.25%	0.010%
196	8.375	8.357	8.384	VV	354	4626	0.15%	0.006%
197	8.423	8.384	8.451	VV	563	17399	0.55%	0.023%
198	8.455	8.451	8.469	VV	325	3174	0.10%	0.004%
199	8.489	8.469	8.501	VV	417	6745	0.21%	0.009%
200	8.521	8.501	8.563	VV	1209	19728	0.63%	0.026%
201	8.570	8.563	8.577	VV	177	1308	0.04%	0.002%
202	8.583	8.577	8.594	VV	199	1597	0.05%	0.002%
203	8.606	8.594	8.610	VV	234	1877	0.06%	0.002%
204	8.630	8.610	8.660	VV	964	18032	0.57%	0.024%
205	8.675	8.660	8.697	VV	708	13272	0.42%	0.017%
206	8.702	8.697	8.717	VV	467	4428	0.14%	0.006%
207	8.720	8.717	8.739	VV	285	3226	0.10%	0.004%
208	8.753	8.739	8.789	VV	312	6379	0.20%	0.008%
209	8.809	8.789	8.838	VV	436	5565	0.18%	0.007%
210	8.852	8.838	8.858	VV	260	1946	0.06%	0.003%
211	8.906	8.858	8.939	VV	1343	27903	0.89%	0.037%
212	8.966	8.939	8.985	VV	587	12407	0.40%	0.016%
213	9.001	8.985	9.018	VV	765	11696	0.37%	0.015%
214	9.025	9.018	9.045	VV	507	6331	0.20%	0.008%
215	9.073	9.045	9.098	VV	716	14497	0.46%	0.019%
216	9.106	9.098	9.114	VV	247	2246	0.07%	0.003%
217	9.134	9.114	9.148	VV	448	6398	0.20%	0.008%
218	9.171	9.148	9.183	VV	459	7844	0.25%	0.010%
219	9.188	9.183	9.203	VV	373	3895	0.12%	0.005%
220	9.249	9.203	9.254	VV	711	13213	0.42%	0.017%
221	9.267	9.254	9.310	VV	914	17790	0.57%	0.023%
222	9.350	9.310	9.392	VV	1069	22274	0.71%	0.029%
223	9.410	9.392	9.429	VV	362	5264	0.17%	0.007%
224	9.443	9.429	9.461	VV	482	5463	0.17%	0.007%
225	9.483	9.461	9.504	PV	858	10668	0.34%	0.014%
226	9.510	9.504	9.525	VV	190	1911	0.06%	0.003%
227	9.541	9.525	9.568	VV	322	4287	0.14%	0.006%
228	9.592	9.568	9.614	PV	474	6969	0.22%	0.009%
229	9.642	9.614	9.668	VV	163	2548	0.08%	0.003%
230	9.695	9.668	9.725	VV	1713	30950	0.99%	0.041%
231	9.732	9.725	9.760	VV	765	11975	0.38%	0.016%
232	9.792	9.760	9.822	VV	1027	23596	0.75%	0.031%
233	9.854	9.822	9.881	VV	851	19187	0.61%	0.025%
234	9.890	9.881	9.903	VV	237	2567	0.08%	0.003%
235	9.909	9.903	9.940	VV	269	3229	0.10%	0.004%
236	9.965	9.940	9.979	PV	513	5754	0.18%	0.008%
237	10.005	9.979	10.111	VV	35399	647145	20.61%	0.849%
238	10.134	10.111	10.181	VV	3044	65006	2.07%	0.085%
239	10.187	10.181	10.194	VV	766	5643	0.18%	0.007%
240	10.207	10.194	10.272	VV	846	28746	0.92%	0.038%
241	10.294	10.272	10.328	VV	772	16498	0.53%	0.022%
242	10.353	10.328	10.364	VV	383	6346	0.20%	0.008%
243	10.381	10.364	10.400	VV	414	7074	0.23%	0.009%
244	10.407	10.400	10.425	VV	408	4286	0.14%	0.006%
245	10.452	10.425	10.456	VV	366	5342	0.17%	0.007%
246	10.477	10.456	10.502	VV	1530	22401	0.71%	0.029%

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247	10.516	10.502	10.540	VV	508	7744	0.25%	0.010%
248	10.565	10.540	10.599	VV	2908	42648	1.36%	0.056%
249	10.620	10.599	10.641	VV	3315	39186	1.25%	0.051%
250	10.653	10.641	10.681	VV	688	9887	0.31%	0.013%
251	10.698	10.681	10.737	VV	589	11425	0.36%	0.015%
252	10.753	10.737	10.766	VV	379	4556	0.15%	0.006%
253	10.835	10.766	10.861	VV	3332	66809	2.13%	0.088%
254	10.875	10.861	10.894	VV	1202	18679	0.59%	0.025%
255	10.910	10.894	10.939	VV	1731	29328	0.93%	0.038%
256	10.943	10.939	10.966	VV	762	9122	0.29%	0.012%
257	10.972	10.966	10.997	VV	414	5724	0.18%	0.008%
258	11.000	10.997	11.004	VV	226	939	0.03%	0.001%
259	11.019	11.004	11.035	VV	238	4036	0.13%	0.005%
260	11.039	11.035	11.042	VV	267	981	0.03%	0.001%
261	11.053	11.042	11.076	VV	340	4212	0.13%	0.006%
262	11.100	11.076	11.125	VV	2238	27813	0.89%	0.036%
263	11.164	11.125	11.201	VV	3825	75099	2.39%	0.099%
264	11.219	11.201	11.288	VV	1688	37633	1.20%	0.049%
265	11.309	11.288	11.358	VV	966	18079	0.58%	0.024%
266	11.388	11.358	11.424	PV	1145	16959	0.54%	0.022%
267	11.443	11.424	11.470	VV	712	10732	0.34%	0.014%
268	11.508	11.470	11.529	VV	490	10829	0.34%	0.014%
269	11.555	11.529	11.570	VV	1264	16114	0.51%	0.021%
270	11.582	11.570	11.590	VV	1129	10960	0.35%	0.014%
271	11.609	11.590	11.642	VV	9622	125388	3.99%	0.165%
272	11.662	11.642	11.699	VV	5621	80881	2.58%	0.106%
273	11.720	11.699	11.755	VV	1763	41148	1.31%	0.054%
274	11.777	11.755	11.800	VV	2960	38480	1.23%	0.050%
275	11.827	11.800	11.878	VV	11707	176139	5.61%	0.231%
276	11.895	11.878	11.923	VV	1794	27958	0.89%	0.037%
277	11.944	11.923	11.957	VV	591	9658	0.31%	0.013%
278	12.005	11.957	12.044	VV	3940	100188	3.19%	0.131%
279	12.060	12.044	12.080	VV	805	12203	0.39%	0.016%
280	12.107	12.080	12.125	VV	4843	64837	2.07%	0.085%
281	12.133	12.125	12.172	VV	1510	19834	0.63%	0.026%
282	12.203	12.172	12.222	PV	554	8297	0.26%	0.011%
283	12.253	12.222	12.266	VV	1330	19520	0.62%	0.026%
284	12.279	12.266	12.295	VV	1431	19611	0.62%	0.026%
285	12.308	12.295	12.330	VV	1395	19382	0.62%	0.025%
286	12.361	12.330	12.399	VV	6625	120105	3.83%	0.158%
287	12.420	12.399	12.477	VV	3662	64603	2.06%	0.085%
288	12.519	12.477	12.570	VV	64499	840453	26.77%	1.103%
289	12.579	12.570	12.595	VV	1729	21221	0.68%	0.028%
290	12.610	12.595	12.627	VV	1411	21628	0.69%	0.028%
291	12.643	12.627	12.659	VV	1326	20869	0.66%	0.027%
292	12.667	12.659	12.702	VV	1002	17884	0.57%	0.023%
293	12.722	12.702	12.734	VV	882	13631	0.43%	0.018%
294	12.755	12.734	12.780	VV	1700	32177	1.02%	0.042%
295	12.811	12.780	12.872	VV	1869	58852	1.87%	0.077%
296	12.897	12.872	12.938	VV	2930	48635	1.55%	0.064%
297	12.967	12.938	13.027	VV	7489	135536	4.32%	0.178%
298	13.045	13.027	13.097	VV	1020	21020	0.67%	0.028%
299	13.115	13.097	13.123	VV	351	3867	0.12%	0.005%

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300	13.145	13.123	13.198	VV	1002	22192	0.71%	0.029%
301	13.220	13.198	13.239	VV	627	10753	0.34%	0.014%
302	13.267	13.239	13.289	VV	15622	209129	6.66%	0.274%
303	13.299	13.289	13.344	VV	4424	80927	2.58%	0.106%
304	13.367	13.344	13.399	VV	925	21543	0.69%	0.028%
305	13.420	13.399	13.476	VV	2942	54952	1.75%	0.072%
306	13.512	13.476	13.550	PV	3164	72925	2.32%	0.096%
307	13.560	13.550	13.575	VV	1127	15384	0.49%	0.020%
308	13.587	13.575	13.600	VV	1429	17292	0.55%	0.023%
309	13.614	13.600	13.625	VV	1716	21573	0.69%	0.028%
310	13.637	13.625	13.664	VV	1826	24189	0.77%	0.032%
311	13.667	13.664	13.677	VV	264	1513	0.05%	0.002%
312	13.719	13.677	13.729	VV	990	17169	0.55%	0.023%
313	13.748	13.729	13.814	VV	3182	45989	1.46%	0.060%
314	13.861	13.814	13.887	VV	867	17734	0.56%	0.023%
315	13.921	13.887	13.951	VV	976	21630	0.69%	0.028%
316	13.964	13.951	13.981	VV	518	7352	0.23%	0.010%
317	14.010	13.981	14.028	VV	757	16315	0.52%	0.021%
318	14.051	14.028	14.076	VV	1992	31240	1.00%	0.041%
319	14.100	14.076	14.116	VV	3192	45340	1.44%	0.059%
320	14.126	14.116	14.169	VV	1821	29539	0.94%	0.039%
321	14.180	14.169	14.195	VV	370	4069	0.13%	0.005%
322	14.208	14.195	14.232	VV	266	2689	0.09%	0.004%
323	14.244	14.232	14.252	VV	106	805	0.03%	0.001%
324	14.333	14.252	14.349	PV	556	11089	0.35%	0.015%
325	14.352	14.349	14.358	VV	170	819	0.03%	0.001%
326	14.378	14.358	14.387	VV	151	1654	0.05%	0.002%
327	14.404	14.387	14.410	VV	266	2161	0.07%	0.003%
328	14.416	14.410	14.436	VV	166	1775	0.06%	0.002%
329	14.493	14.436	14.554	VV	11110	180669	5.75%	0.237%
330	14.573	14.554	14.589	VV	1849	24716	0.79%	0.032%
331	14.618	14.589	14.640	VV	2006	35397	1.13%	0.046%
332	14.664	14.640	14.685	VV	6199	91315	2.91%	0.120%
333	14.700	14.685	14.712	VV	2379	32212	1.03%	0.042%
334	14.726	14.712	14.745	VV	2032	27010	0.86%	0.035%
335	14.764	14.745	14.795	VV	1829	32008	1.02%	0.042%
336	14.812	14.795	14.825	VV	784	11751	0.37%	0.015%
337	14.844	14.825	14.867	VV	909	14201	0.45%	0.019%
338	14.893	14.867	14.927	VV	1057	17397	0.55%	0.023%
339	14.951	14.927	14.956	VV	486	5056	0.16%	0.007%
340	14.960	14.956	14.967	VV	392	1847	0.06%	0.002%
341	15.003	14.967	15.037	VV	92011	1246096	39.69%	1.635%
342	15.052	15.037	15.081	VV	3067	43596	1.39%	0.057%
343	15.086	15.081	15.107	VV	308	2574	0.08%	0.003%
344	15.161	15.107	15.177	PV	3727	58238	1.85%	0.076%
345	15.204	15.177	15.229	VV	7672	133398	4.25%	0.175%
346	15.252	15.229	15.282	VV	5968	81554	2.60%	0.107%
347	15.306	15.282	15.337	VV	791	15888	0.51%	0.021%
348	15.343	15.337	15.349	VV	331	1710	0.05%	0.002%
349	15.353	15.349	15.377	VV	305	2987	0.10%	0.004%
350	15.399	15.377	15.417	VV	465	4747	0.15%	0.006%
351	15.440	15.417	15.458	PV	609	7937	0.25%	0.010%

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352	15.479	15.458	15.498	VV	594	7271	0.23%	0.010%
353	15.543	15.498	15.555	VV	1089	24350	0.78%	0.032%
354	15.587	15.555	15.657	VV	82406	1219116	38.83%	1.600%
355	15.686	15.657	15.702	VV	1748	28927	0.92%	0.038%
356	15.729	15.702	15.762	VV	10908	165563	5.27%	0.217%
357	15.792	15.762	15.819	VV	8695	148163	4.72%	0.194%
358	15.836	15.819	15.842	VV	1204	14808	0.47%	0.019%
359	15.847	15.842	15.891	VV	1045	19183	0.61%	0.025%
360	15.907	15.891	15.913	VV	331	2590	0.08%	0.003%
361	15.919	15.913	15.925	VV	254	924	0.03%	0.001%
362	15.991	15.925	16.014	PV	1193	32301	1.03%	0.042%
363	16.018	16.014	16.023	VV	706	3558	0.11%	0.005%
364	16.053	16.023	16.070	VV	1130	24123	0.77%	0.032%
365	16.107	16.070	16.141	VV	7685	139779	4.45%	0.183%
366	16.153	16.141	16.158	VV	878	7240	0.23%	0.009%
367	16.197	16.158	16.208	VV	1578	28462	0.91%	0.037%
368	16.229	16.208	16.267	VV	6878	98965	3.15%	0.130%
369	16.295	16.267	16.343	VV	9200	128722	4.10%	0.169%
370	16.349	16.343	16.365	VV	575	5293	0.17%	0.007%
371	16.370	16.365	16.388	VV	427	2891	0.09%	0.004%
372	16.416	16.388	16.420	PV	891	9598	0.31%	0.013%
373	16.439	16.420	16.462	VV	1489	23381	0.74%	0.031%
374	16.486	16.462	16.494	VV	587	10264	0.33%	0.013%
375	16.529	16.494	16.569	VV	2041	59888	1.91%	0.079%
376	16.605	16.569	16.651	VV	65962	1005700	32.03%	1.320%
377	16.717	16.651	16.747	VV	24840	423130	13.48%	0.555%
378	16.755	16.747	16.762	VV	2129	17948	0.57%	0.024%
379	16.788	16.762	16.821	VV	11761	171130	5.45%	0.225%
380	16.826	16.821	16.829	VV	397	1190	0.04%	0.002%
381	16.858	16.829	16.884	VV	1494	23733	0.76%	0.031%
382	16.887	16.884	16.905	VV	415	2125	0.07%	0.003%
383	16.973	16.905	17.000	PV	3113	63189	2.01%	0.083%
384	17.003	17.000	17.025	VV	1600	15719	0.50%	0.021%
385	17.050	17.025	17.062	VV	3251	49652	1.58%	0.065%
386	17.087	17.062	17.130	VV	7808	176735	5.63%	0.232%
387	17.185	17.130	17.209	VV	10001	213569	6.80%	0.280%
388	17.230	17.209	17.238	VV	7168	86831	2.77%	0.114%
389	17.262	17.238	17.297	VV	43732	612051	19.49%	0.803%
390	17.299	17.297	17.304	VV	631	2102	0.07%	0.003%
391	17.308	17.304	17.330	VV	811	6606	0.21%	0.009%
392	17.336	17.330	17.340	VV	280	913	0.03%	0.001%
393	17.369	17.340	17.374	VV	896	8768	0.28%	0.012%
394	17.379	17.374	17.389	VV	726	4477	0.14%	0.006%
395	17.419	17.389	17.438	VV	1809	35893	1.14%	0.047%
396	17.464	17.438	17.489	VV	2336	40054	1.28%	0.053%
397	17.550	17.489	17.596	VV	92733	1493238	47.56%	1.959%
398	17.637	17.596	17.690	VV	66074	1020604	32.51%	1.339%
399	17.719	17.690	17.772	VV	9799	231462	7.37%	0.304%
400	17.802	17.772	17.832	VV	6038	100219	3.19%	0.131%
401	17.862	17.832	17.884	VV	1516	29311	0.93%	0.038%
402	17.920	17.884	17.950	PV	3278	75532	2.41%	0.099%
403	18.002	17.950	18.024	VV	8556	169133	5.39%	0.222%
404	18.076	18.024	18.121	VV	13677	368716	11.74%	0.484%

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405	18.166	18.121	18.203	VV	55478	863975	27.52%	1.134%
406	18.214	18.203	18.235	VV	2976	47743	1.52%	0.063%
407	18.254	18.235	18.258	VV	2763	34949	1.11%	0.046%
408	18.302	18.258	18.335	VV	10744	234975	7.48%	0.308%
409	18.396	18.335	18.406	VV	11011	207150	6.60%	0.272%
410	18.434	18.406	18.469	VV	90890	1547041	49.27%	2.030%
411	18.500	18.469	18.550	VV	99696	1633645	52.03%	2.143%
412	18.596	18.550	18.615	VV	16100	371528	11.83%	0.487%
413	18.627	18.615	18.699	VV	9869	302958	9.65%	0.397%
414	18.784	18.699	18.817	VV	11792	573665	18.27%	0.753%
415	18.821	18.817	18.834	VV	9160	86288	2.75%	0.113%
416	18.858	18.834	18.870	VV	15389	280013	8.92%	0.367%
417	18.900	18.870	18.951	VV	32605	932544	29.70%	1.224%
418	18.979	18.951	18.986	VV	15562	250316	7.97%	0.328%
419	19.014	18.986	19.049	VV	69052	1381933	44.02%	1.813%
420	19.061	19.049	19.084	VV	15970	293661	9.35%	0.385%
421	19.104	19.084	19.136	VV	20300	413923	13.18%	0.543%
422	19.144	19.136	19.150	VV	8364	66998	2.13%	0.088%
423	19.228	19.150	19.236	VV	23619	752887	23.98%	0.988%
424	19.266	19.236	19.291	VV	183638	3139618	100.00%	4.119%
425	19.310	19.291	19.356	VV	69043	1564153	49.82%	2.052%
426	19.389	19.356	19.407	VV	33452	806141	25.68%	1.058%
427	19.439	19.407	19.494	VV	32412	1271840	40.51%	1.669%
428	19.544	19.494	19.584	VV	38015	1283328	40.88%	1.684%
429	19.603	19.584	19.638	VV	24776	646956	20.61%	0.849%
430	19.660	19.638	19.681	VV	23830	503564	16.04%	0.661%
431	19.692	19.681	19.697	VV	18947	172170	5.48%	0.226%
432	19.721	19.697	19.736	VV	23389	488598	15.56%	0.641%
433	19.761	19.736	19.782	VV	55578	1047875	33.38%	1.375%
434	19.806	19.782	19.835	VV	49030	1103181	35.14%	1.447%
435	19.846	19.835	19.852	VV	21944	216839	6.91%	0.285%
436	19.877	19.852	19.894	VV	24652	555514	17.69%	0.729%
437	19.913	19.894	19.937	VV	24557	562754	17.92%	0.738%
438	19.977	19.937	20.004	VV	32058	1047762	33.37%	1.375%
439	20.044	20.004	20.084	VV	87787	2203994	70.20%	2.892%
440	20.102	20.084	20.136	VV	37078	964574	30.72%	1.266%
441	20.168	20.136	20.189	VV	33435	896105	28.54%	1.176%
442	20.210	20.189	20.232	VV	33051	802105	25.55%	1.052%
443	20.235	20.232	20.261	VV	29212	482263	15.36%	0.633%
444	20.266	20.261	20.278	VV	27065	276052	8.79%	0.362%
445	20.315	20.278	20.353	VV	33948	1323606	42.16%	1.737%
446	20.374	20.353	20.392	VV	31547	698235	22.24%	0.916%
447	20.398	20.392	20.415	VV	30288	404235	12.88%	0.530%
448	20.434	20.415	20.450	VV	30749	638635	20.34%	0.838%
449	20.477	20.450	20.494	VV	29701	740571	23.59%	0.972%
450	20.503	20.494	20.509	VV	29087	257929	8.22%	0.338%
451	20.529	20.509	20.533	VV	30349	431297	13.74%	0.566%
452	20.553	20.533	20.571	VV	34036	729376	23.23%	0.957%
453	20.601	20.571	20.626	VV	37055	1101822	35.09%	1.446%
454	20.664	20.626	20.680	VV	33605	1057681	33.69%	1.388%
455	20.705	20.680	20.712	VV	34711	636439	20.27%	0.835%
456	20.760	20.712	20.815	VV	50436	2549692	81.21%	3.345%

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457	20.836	20.815	20.859	VV	37468	923039	29.40%	1.211%
458	20.867	20.859	20.872	VV	33580	265974	8.47%	0.349%
459	20.907	20.872	20.911	VV	35179	792580	25.24%	1.040%
460	20.924	20.911	20.933	VV	35688	463983	14.78%	0.609%
461	20.954	20.933	20.993	VV	35990	1235503	39.35%	1.621%
462	21.008	20.993	21.037	VV	33732	831495	26.48%	1.091%
463	21.085	21.037	21.115	VV	31224	1377733	43.88%	1.808%
464	21.126	21.115	21.137	VV	27095	347300	11.06%	0.456%
465	21.169	21.137	21.210	VV	28237	1135094	36.15%	1.489%
466	21.214	21.210	21.222	VV	23127	164566	5.24%	0.216%
467	21.227	21.222	21.242	VV	23029	266958	8.50%	0.350%
468	21.252	21.242	21.257	VV	22517	202140	6.44%	0.265%
469	21.263	21.257	21.267	VV	22616	123065	3.92%	0.161%
470	21.296	21.267	21.320	VV	23741	740628	23.59%	0.972%
471	21.324	21.320	21.340	VV	22474	261963	8.34%	0.344%
472	21.344	21.340	21.395	VV	22515	708582	22.57%	0.930%
473	21.410	21.395	21.442	VV	21295	563331	17.94%	0.739%
474	21.460	21.442	21.492	VV	19068	548649	17.48%	0.720%
475	21.504	21.492	21.513	VV	17358	210587	6.71%	0.276%
476	21.519	21.513	21.535	VV	17287	216810	6.91%	0.284%
477	21.538	21.535	21.544	VV	16591	89672	2.86%	0.118%
478	21.547	21.544	21.552	VV	16620	82230	2.62%	0.108%
479	21.612	21.552	21.627	VV	17790	753956	24.01%	0.989%
480	21.633	21.627	21.659	VV	17275	319554	10.18%	0.419%
481	21.666	21.659	21.677	VV	16357	173492	5.53%	0.228%
482	21.683	21.677	21.718	VV	16061	360987	11.50%	0.474%
483	21.729	21.718	21.742	VV	14341	208649	6.65%	0.274%
484	21.766	21.742	21.819	VV	14507	605450	19.28%	0.794%
485	21.824	21.819	21.827	VV	12209	61807	1.97%	0.081%
486	21.830	21.827	21.836	VV	12240	60524	1.93%	0.079%
487	21.845	21.836	21.851	VV	12002	105738	3.37%	0.139%
488	21.859	21.851	21.863	VV	12366	91370	2.91%	0.120%
489	21.869	21.863	21.903	VV	12214	257028	8.19%	0.337%
490	21.926	21.903	21.946	VV	11616	273379	8.71%	0.359%
491	21.950	21.946	21.977	VV	10511	178316	5.68%	0.234%
492	21.982	21.977	21.989	VV	8822	60781	1.94%	0.080%
493	21.994	21.989	21.997	VV	8628	42049	1.34%	0.055%
494	22.005	21.997	22.039	VV	9193	207054	6.59%	0.272%
495	22.042	22.039	22.048	VV	7468	36917	1.18%	0.048%
496	22.052	22.048	22.059	VV	7135	44468	1.42%	0.058%
497	22.089	22.059	22.094	VV	7908	153331	4.88%	0.201%
498	22.111	22.094	22.116	VV	9299	115675	3.68%	0.152%
499	22.123	22.116	22.152	VV	8795	161247	5.14%	0.212%
500	22.172	22.152	22.177	VV	6549	92858	2.96%	0.122%
501	22.184	22.177	22.192	VV	6204	50335	1.60%	0.066%
502	22.241	22.192	22.247	VV	6984	212222	6.76%	0.278%
503	22.274	22.247	22.364	VV	7248	352744	11.24%	0.463%
504	22.370	22.364	22.400	VBA	1608	66372	2.11%	0.087%
					Sum of corrected areas:		76217647	