

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121423\  
 Data File : FF013857.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Dec 2023 14:48  
 Sample : 05827-05  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120523.M  
 Title :

Signal : FID2B.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.931	1.918	1.937	BV	75	141	0.01%	0.001%
2	1.949	1.937	2.004	PV	427	6791	0.24%	0.036%
3	2.008	2.004	2.046	VV	117	1820	0.06%	0.010%
4	2.058	2.046	2.108	PV	168	3691	0.13%	0.020%
5	2.119	2.108	2.128	VV	107	717	0.03%	0.004%
6	2.133	2.128	2.140	VV	135	605	0.02%	0.003%
7	2.153	2.140	2.168	VV	120	1093	0.04%	0.006%
8	2.173	2.168	2.188	VV	89	751	0.03%	0.004%
9	2.191	2.188	2.202	PV	95	501	0.02%	0.003%
10	2.211	2.202	2.240	VV	691	8663	0.31%	0.046%
11	2.246	2.240	2.262	VV	199	1905	0.07%	0.010%
12	2.281	2.262	2.341	VV	2211	30555	1.09%	0.163%
13	2.346	2.341	2.352	VV	140	887	0.03%	0.005%
14	2.359	2.352	2.398	VV	160	2802	0.10%	0.015%
15	2.401	2.398	2.417	VV	128	986	0.04%	0.005%
16	2.425	2.417	2.459	VV	169	2266	0.08%	0.012%
17	2.463	2.459	2.473	VV	139	677	0.02%	0.004%
18	2.478	2.473	2.483	VV	83	408	0.01%	0.002%
19	2.486	2.483	2.502	VV	172	1113	0.04%	0.006%
20	2.505	2.502	2.517	VV	169	780	0.03%	0.004%
21	2.524	2.517	2.538	PV	217	1399	0.05%	0.007%
22	2.543	2.538	2.555	VV	168	914	0.03%	0.005%
23	2.560	2.555	2.575	VV	91	767	0.03%	0.004%
24	2.581	2.575	2.587	VV	129	626	0.02%	0.003%
25	2.602	2.587	2.616	VV	180	1488	0.05%	0.008%
26	2.628	2.616	2.646	VV	202	2035	0.07%	0.011%
27	2.658	2.646	2.665	PV	128	910	0.03%	0.005%
28	2.668	2.665	2.674	VV	172	510	0.02%	0.003%
29	2.684	2.674	2.734	VV	172	4003	0.14%	0.021%
30	2.738	2.734	2.755	VV	133	1232	0.04%	0.007%
31	2.759	2.755	2.782	VV	190	2001	0.07%	0.011%

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32	2.795	2.782	2.823	VV	197	3601	0.13%	0.019%
33	2.845	2.823	2.850	VV	326	3518	0.13%	0.019%
34	2.861	2.850	2.868	VV	282	2473	0.09%	0.013%
35	2.876	2.868	2.887	VV	229	2491	0.09%	0.013%
36	2.897	2.887	2.908	VV	256	2534	0.09%	0.014%
37	2.912	2.908	2.919	VV	235	1128	0.04%	0.006%
38	2.944	2.919	2.964	VV	361	6203	0.22%	0.033%
39	2.966	2.964	2.970	VV	242	606	0.02%	0.003%
40	2.975	2.970	2.990	VV	273	2253	0.08%	0.012%
41	2.994	2.990	3.019	VV	258	3732	0.13%	0.020%
42	3.023	3.019	3.034	VV	227	1612	0.06%	0.009%
43	3.057	3.034	3.085	VV	311	6823	0.24%	0.036%
44	3.087	3.085	3.096	VV	236	1458	0.05%	0.008%
45	3.102	3.096	3.110	VV	294	2116	0.08%	0.011%
46	3.126	3.110	3.153	VV	577	10255	0.37%	0.055%
47	3.157	3.153	3.182	VV	404	5631	0.20%	0.030%
48	3.188	3.182	3.205	VV	356	4469	0.16%	0.024%
49	3.208	3.205	3.216	VV	321	1866	0.07%	0.010%
50	3.221	3.216	3.226	VV	314	1657	0.06%	0.009%
51	3.230	3.226	3.241	VV	273	2243	0.08%	0.012%
52	3.245	3.241	3.249	VV	284	1203	0.04%	0.006%
53	3.254	3.249	3.260	VV	292	1696	0.06%	0.009%
54	3.264	3.260	3.283	VV	264	3131	0.11%	0.017%
55	3.288	3.283	3.311	VV	235	2928	0.10%	0.016%
56	3.318	3.311	3.322	VV	182	1015	0.04%	0.005%
57	3.327	3.322	3.334	VV	211	1116	0.04%	0.006%
58	3.339	3.334	3.343	VV	178	782	0.03%	0.004%
59	3.351	3.343	3.358	VV	216	1442	0.05%	0.008%
60	3.363	3.358	3.368	VV	226	1168	0.04%	0.006%
61	3.372	3.368	3.383	VV	250	1900	0.07%	0.010%
62	3.388	3.383	3.393	VV	220	994	0.04%	0.005%
63	3.405	3.393	3.430	VV	277	4455	0.16%	0.024%
64	3.433	3.430	3.439	VV	251	957	0.03%	0.005%
65	3.456	3.439	3.480	VV	277	5391	0.19%	0.029%
66	3.488	3.480	3.495	VV	252	1608	0.06%	0.009%
67	3.498	3.495	3.507	VV	246	1292	0.05%	0.007%
68	3.517	3.507	3.554	VV	300	5181	0.18%	0.028%
69	3.558	3.554	3.567	VV	193	1110	0.04%	0.006%
70	3.607	3.567	3.635	VV	350	7772	0.28%	0.041%
71	3.639	3.635	3.644	VV	167	820	0.03%	0.004%
72	3.649	3.644	3.673	VV	233	3051	0.11%	0.016%
73	3.675	3.673	3.679	VV	221	559	0.02%	0.003%
74	3.683	3.679	3.703	VV	239	2126	0.08%	0.011%
75	3.713	3.703	3.723	VV	209	1747	0.06%	0.009%
76	3.742	3.723	3.750	VV	206	2062	0.07%	0.011%
77	3.756	3.750	3.763	VV	173	1048	0.04%	0.006%
78	3.767	3.763	3.775	VV	168	800	0.03%	0.004%
79	3.779	3.775	3.798	VV	146	1368	0.05%	0.007%

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80	3. 805	3. 798	3. 813	VV	169	1194	0. 04%	0. 006%	
81	3. 827	3. 813	3. 849	VV	217	3419	0. 12%	0. 018%	
82	3. 852	3. 849	3. 872	VV	184	1406	0. 05%	0. 007%	
83	3. 878	3. 872	3. 891	VV	169	1304	0. 05%	0. 007%	
84	3. 903	3. 891	3. 916	VV	183	1527	0. 05%	0. 008%	
85	3. 920	3. 916	3. 925	VV	189	601	0. 02%	0. 003%	
86	3. 930	3. 925	3. 939	VV	167	944	0. 03%	0. 005%	
87	3. 955	3. 939	3. 960	VV	198	1554	0. 06%	0. 008%	
88	3. 974	3. 960	3. 997	VV	194	2853	0. 10%	0. 015%	
89	4. 000	3. 997	4. 015	VV	143	1037	0. 04%	0. 006%	
90	4. 024	4. 015	4. 028	VV	185	705	0. 03%	0. 004%	
91	4. 054	4. 028	4. 081	VV	2377	29647	1. 06%	0. 158%	
92	4. 085	4. 081	4. 127	VV	557	9469	0. 34%	0. 050%	
93	4. 131	4. 127	4. 138	VV	254	1470	0. 05%	0. 008%	
94	4. 153	4. 138	4. 192	VV	267	6188	0. 22%	0. 033%	
95	4. 202	4. 192	4. 216	VV	227	2390	0. 09%	0. 013%	
96	4. 219	4. 216	4. 223	VV	142	615	0. 02%	0. 003%	
97	4. 246	4. 223	4. 269	VV	919	14325	0. 51%	0. 076%	
98	4. 273	4. 269	4. 320	VV	565	11051	0. 39%	0. 059%	
99	4. 340	4. 320	4. 403	VV	356	10849	0. 39%	0. 058%	
100	4. 427	4. 403	4. 437	VV	256	3334	0. 12%	0. 018%	
101	4. 452	4. 437	4. 466	VV	205	2695	0. 10%	0. 014%	
102	4. 513	4. 466	4. 558	VV	498	13255	0. 47%	0. 071%	
103	4. 562	4. 558	4. 581	VV	251	2556	0. 09%	0. 014%	
104	4. 586	4. 581	4. 600	VV	175	1663	0. 06%	0. 009%	
105	4. 607	4. 600	4. 617	VV	200	1651	0. 06%	0. 009%	
106	4. 621	4. 617	4. 636	VV	212	1568	0. 06%	0. 008%	
107	4. 641	4. 636	4. 653	VV	176	1175	0. 04%	0. 006%	
108	4. 681	4. 653	4. 727	VV	627	11503	0. 41%	0. 061%	
109	4. 732	4. 727	4. 751	VV	163	1612	0. 06%	0. 009%	
110	4. 757	4. 751	4. 775	VV	156	1243	0. 04%	0. 007%	
111	4. 779	4. 775	4. 798	PV	120	1236	0. 04%	0. 007%	
112	4. 804	4. 798	4. 811	VV	129	733	0. 03%	0. 004%	
113	4. 826	4. 811	4. 833	VV	158	1372	0. 05%	0. 007%	
114	4. 840	4. 833	4. 845	VV	165	748	0. 03%	0. 004%	
115	4. 849	4. 845	4. 865	VV	175	1513	0. 05%	0. 008%	
116	4. 870	4. 865	4. 873	VV	162	599	0. 02%	0. 003%	
117	4. 880	4. 873	4. 907	VV	248	3089	0. 11%	0. 016%	
118	4. 924	4. 907	4. 937	VV	161	2220	0. 08%	0. 012%	
119	4. 941	4. 937	4. 957	VV	134	1469	0. 05%	0. 008%	
120	4. 963	4. 957	4. 967	VV	194	882	0. 03%	0. 005%	
121	4. 984	4. 967	4. 998	VV	260	3098	0. 11%	0. 017%	
122	5. 009	4. 998	5. 020	VV	251	2523	0. 09%	0. 013%	
123	5. 023	5. 020	5. 027	VV	228	793	0. 03%	0. 004%	
124	5. 034	5. 027	5. 040	VV	232	1477	0. 05%	0. 008%	
125	5. 047	5. 040	5. 075	VV	239	3889	0. 14%	0. 021%	
126	5. 079	5. 075	5. 099	VV	238	2800	0. 10%	0. 015%	

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127	5.110	5.099	5.116	VV	232	2031	0.07%	0.011%
128	5.122	5.116	5.132	VV	231	1476	0.05%	0.008%
129	5.138	5.132	5.144	VV	188	1133	0.04%	0.006%
130	5.163	5.144	5.185	VV	308	5278	0.19%	0.028%
131	5.200	5.185	5.205	VV	304	2618	0.09%	0.014%
132	5.214	5.205	5.226	VV	281	2456	0.09%	0.013%
133	5.230	5.226	5.241	VV	215	1626	0.06%	0.009%
134	5.256	5.241	5.263	VV	266	2762	0.10%	0.015%
135	5.268	5.263	5.289	VV	228	3009	0.11%	0.016%
136	5.292	5.289	5.297	VV	266	966	0.03%	0.005%
137	5.323	5.297	5.357	VV	379	8491	0.30%	0.045%
138	5.367	5.357	5.374	VV	179	1440	0.05%	0.008%
139	5.385	5.374	5.413	VV	166	3144	0.11%	0.017%
140	5.419	5.413	5.424	VV	152	929	0.03%	0.005%
141	5.454	5.424	5.486	VV	989	14355	0.51%	0.077%
142	5.492	5.486	5.520	VV	262	3565	0.13%	0.019%
143	5.525	5.520	5.534	VV	178	1077	0.04%	0.006%
144	5.542	5.534	5.553	VV	223	1635	0.06%	0.009%
145	5.559	5.553	5.564	VV	197	667	0.02%	0.004%
146	5.587	5.564	5.611	VV	206	3310	0.12%	0.018%
147	5.634	5.611	5.648	VV	113	1829	0.07%	0.010%
148	5.661	5.648	5.668	VV	132	1276	0.05%	0.007%
149	5.704	5.668	5.738	VV	400	8330	0.30%	0.044%
150	5.754	5.738	5.794	VV	770	11341	0.40%	0.060%
151	5.812	5.794	5.828	VV	206	2746	0.10%	0.015%
152	5.834	5.828	5.843	VV	179	1219	0.04%	0.006%
153	5.846	5.843	5.861	VV	165	1204	0.04%	0.006%
154	5.874	5.861	5.879	PV	117	1208	0.04%	0.006%
155	5.888	5.879	5.899	VV	247	2021	0.07%	0.011%
156	5.903	5.899	5.912	VV	190	1256	0.04%	0.007%
157	5.916	5.912	5.932	VV	185	1637	0.06%	0.009%
158	5.935	5.932	5.949	VV	168	1069	0.04%	0.006%
159	5.954	5.949	5.967	VV	169	990	0.04%	0.005%
160	5.971	5.967	5.980	VV	136	869	0.03%	0.005%
161	5.997	5.980	6.006	VV	209	1916	0.07%	0.010%
162	6.013	6.006	6.049	VV	245	3411	0.12%	0.018%
163	6.052	6.049	6.070	VV	138	1125	0.04%	0.006%
164	6.073	6.070	6.084	VV	124	825	0.03%	0.004%
165	6.088	6.084	6.093	VV	153	575	0.02%	0.003%
166	6.100	6.093	6.113	VV	191	1448	0.05%	0.008%
167	6.115	6.113	6.120	VV	180	450	0.02%	0.002%
168	6.125	6.120	6.138	VV	183	1040	0.04%	0.006%
169	6.151	6.138	6.158	VV	132	893	0.03%	0.005%
170	6.167	6.158	6.178	VV	162	1320	0.05%	0.007%
171	6.188	6.178	6.201	VV	148	1615	0.06%	0.009%
172	6.218	6.201	6.260	VV	458	9773	0.35%	0.052%
173	6.265	6.260	6.276	VV	261	1540	0.05%	0.008%
174	6.282	6.276	6.285	VV	152	785	0.03%	0.004%

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175	6. 289	6. 285	6. 301	VV	208	1470	0. 05%	0. 008%
176	6. 303	6. 301	6. 308	VV	130	561	0. 02%	0. 003%
177	6. 314	6. 308	6. 319	VV	166	867	0. 03%	0. 005%
178	6. 329	6. 319	6. 338	VV	197	1841	0. 07%	0. 010%
179	6. 343	6. 338	6. 355	VV	190	1371	0. 05%	0. 007%
180	6. 363	6. 355	6. 370	VV	205	1330	0. 05%	0. 007%
181	6. 397	6. 370	6. 431	VV	730	12013	0. 43%	0. 064%
182	6. 440	6. 431	6. 445	VV	177	1002	0. 04%	0. 005%
183	6. 449	6. 445	6. 454	VV	198	697	0. 02%	0. 004%
184	6. 465	6. 454	6. 484	VV	195	2478	0. 09%	0. 013%
185	6. 513	6. 484	6. 541	VV	361	7010	0. 25%	0. 037%
186	6. 546	6. 541	6. 572	VV	211	2841	0. 10%	0. 015%
187	6. 576	6. 572	6. 583	VV	206	964	0. 03%	0. 005%
188	6. 589	6. 583	6. 607	VV	213	1842	0. 07%	0. 010%
189	6. 610	6. 607	6. 645	VV	147	2475	0. 09%	0. 013%
190	6. 648	6. 645	6. 653	VV	163	551	0. 02%	0. 003%
191	6. 655	6. 653	6. 661	VV	162	433	0. 02%	0. 002%
192	6. 678	6. 661	6. 697	PV	405	4146	0. 15%	0. 022%
193	6. 701	6. 697	6. 717	VV	123	1143	0. 04%	0. 006%
194	6. 721	6. 717	6. 727	VV	137	586	0. 02%	0. 003%
195	6. 730	6. 727	6. 745	VV	127	876	0. 03%	0. 005%
196	6. 750	6. 745	6. 763	VV	89	682	0. 02%	0. 004%
197	6. 775	6. 763	6. 784	VV	129	909	0. 03%	0. 005%
198	6. 803	6. 784	6. 815	VV	339	3722	0. 13%	0. 020%
199	6. 827	6. 815	6. 842	VV	189	2175	0. 08%	0. 012%
200	6. 847	6. 842	6. 865	VV	127	1245	0. 04%	0. 007%
201	6. 875	6. 865	6. 886	VV	140	1000	0. 04%	0. 005%
202	6. 896	6. 886	6. 902	VV	126	813	0. 03%	0. 004%
203	6. 906	6. 902	6. 929	VV	205	1329	0. 05%	0. 007%
204	6. 934	6. 929	6. 948	VV	132	884	0. 03%	0. 005%
205	6. 954	6. 948	6. 960	VV	133	676	0. 02%	0. 004%
206	6. 966	6. 960	6. 986	VV	128	1111	0. 04%	0. 006%
207	6. 996	6. 986	7. 002	VV	129	735	0. 03%	0. 004%
208	7. 014	7. 002	7. 023	VV	129	978	0. 03%	0. 005%
209	7. 044	7. 023	7. 050	VV	156	1302	0. 05%	0. 007%
210	7. 073	7. 050	7. 094	VV	174	2093	0. 07%	0. 011%
211	7. 108	7. 094	7. 118	PV	167	1480	0. 05%	0. 008%
212	7. 124	7. 118	7. 139	VV	127	777	0. 03%	0. 004%
213	7. 161	7. 139	7. 165	VV	260	2586	0. 09%	0. 014%
214	7. 168	7. 165	7. 176	VV	236	1260	0. 04%	0. 007%
215	7. 183	7. 176	7. 187	VV	253	1307	0. 05%	0. 007%
216	7. 192	7. 187	7. 203	VV	289	2175	0. 08%	0. 012%
217	7. 207	7. 203	7. 214	VV	256	1422	0. 05%	0. 008%
218	7. 218	7. 214	7. 237	VV	235	2294	0. 08%	0. 012%
219	7. 250	7. 237	7. 274	VV	369	4836	0. 17%	0. 026%
220	7. 296	7. 274	7. 327	VV	480	7977	0. 28%	0. 043%
221	7. 351	7. 327	7. 379	VV	859	12486	0. 45%	0. 067%

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222	7.398	7.379	7.412	VV	466	5639	0.20%	0.030%
223	7.418	7.412	7.434	VV	192	1698	0.06%	0.009%
224	7.454	7.434	7.474	VV	238	3529	0.13%	0.019%
225	7.479	7.474	7.489	VV	135	1046	0.04%	0.006%
226	7.493	7.489	7.518	VV	195	1690	0.06%	0.009%
227	7.526	7.518	7.531	VV	121	690	0.02%	0.004%
228	7.535	7.531	7.558	VV	119	1341	0.05%	0.007%
229	7.577	7.558	7.584	PV	136	1449	0.05%	0.008%
230	7.588	7.584	7.595	VV	148	632	0.02%	0.003%
231	7.623	7.595	7.650	VV	2961	33552	1.20%	0.179%
232	7.657	7.650	7.673	VV	257	2471	0.09%	0.013%
233	7.678	7.673	7.708	VV	179	2920	0.10%	0.016%
234	7.721	7.708	7.726	VV	180	1469	0.05%	0.008%
235	7.746	7.726	7.772	VV	339	6054	0.22%	0.032%
236	7.785	7.772	7.796	VV	402	4742	0.17%	0.025%
237	7.800	7.796	7.824	VV	364	3431	0.12%	0.018%
238	7.837	7.824	7.842	VV	168	1573	0.06%	0.008%
239	7.845	7.842	7.855	VV	161	838	0.03%	0.004%
240	7.882	7.855	7.897	VV	257	3994	0.14%	0.021%
241	7.903	7.897	7.922	VV	177	1675	0.06%	0.009%
242	7.935	7.922	7.960	VV	204	3320	0.12%	0.018%
243	7.966	7.960	7.978	VV	198	1496	0.05%	0.008%
244	7.985	7.978	8.007	VV	201	2446	0.09%	0.013%
245	8.049	8.007	8.068	VV	287	6757	0.24%	0.036%
246	8.083	8.068	8.098	VV	688	8732	0.31%	0.047%
247	8.108	8.098	8.133	VV	628	7783	0.28%	0.041%
248	8.151	8.133	8.178	VV	626	8519	0.30%	0.045%
249	8.195	8.178	8.219	VV	985	12259	0.44%	0.065%
250	8.253	8.219	8.274	VV	692	10952	0.39%	0.058%
251	8.292	8.274	8.303	VV	264	2750	0.10%	0.015%
252	8.323	8.303	8.348	VV	848	11466	0.41%	0.061%
253	8.353	8.348	8.357	VV	251	1270	0.05%	0.007%
254	8.361	8.357	8.367	VV	236	1256	0.04%	0.007%
255	8.399	8.367	8.435	VV	461	12874	0.46%	0.069%
256	8.469	8.435	8.486	VV	3230	42456	1.51%	0.226%
257	8.503	8.486	8.543	VV	3838	51789	1.85%	0.276%
258	8.551	8.543	8.582	VV	470	7947	0.28%	0.042%
259	8.608	8.582	8.614	VV	380	5857	0.21%	0.031%
260	8.620	8.614	8.637	VV	381	4266	0.15%	0.023%
261	8.640	8.637	8.646	VV	335	1626	0.06%	0.009%
262	8.648	8.646	8.679	VV	354	4693	0.17%	0.025%
263	8.684	8.679	8.689	VV	179	987	0.04%	0.005%
264	8.701	8.689	8.718	VV	231	2927	0.10%	0.016%
265	8.738	8.718	8.744	VV	246	2950	0.11%	0.016%
266	8.748	8.744	8.773	VV	262	2537	0.09%	0.014%
267	8.784	8.773	8.791	VV	243	1866	0.07%	0.010%
268	8.799	8.791	8.822	VV	216	2257	0.08%	0.012%
269	8.834	8.822	8.852	VV	160	2000	0.07%	0.011%

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270	8. 863	8. 852	8. 893	VV	272	4546	0. 16%	0. 024%	
271	8. 909	8. 893	8. 937	VV	404	8010	0. 29%	0. 043%	
272	8. 951	8. 937	8. 971	VV	373	5856	0. 21%	0. 031%	
273	8. 979	8. 971	8. 986	VV	192	1723	0. 06%	0. 009%	
274	9. 001	8. 986	9. 018	VV	327	4391	0. 16%	0. 023%	
275	9. 043	9. 018	9. 062	VV	464	7563	0. 27%	0. 040%	
276	9. 066	9. 062	9. 084	VV	171	1812	0. 06%	0. 010%	
277	9. 106	9. 084	9. 137	VV	1057	16038	0. 57%	0. 085%	
278	9. 147	9. 137	9. 157	VV	287	2848	0. 10%	0. 015%	
279	9. 163	9. 157	9. 202	VV	299	4652	0. 17%	0. 025%	
280	9. 204	9. 202	9. 211	VV	179	553	0. 02%	0. 003%	
281	9. 237	9. 211	9. 281	VV	321	8470	0. 30%	0. 045%	
282	9. 286	9. 281	9. 292	VV	154	724	0. 03%	0. 004%	
283	9. 296	9. 292	9. 307	VV	137	861	0. 03%	0. 005%	
284	9. 330	9. 307	9. 360	VV	623	10085	0. 36%	0. 054%	
285	9. 374	9. 360	9. 408	VV	311	6557	0. 23%	0. 035%	
286	9. 412	9. 408	9. 416	VV	207	790	0. 03%	0. 004%	
287	9. 425	9. 416	9. 450	VV	186	3066	0. 11%	0. 016%	
288	9. 471	9. 450	9. 493	VV	513	7749	0. 28%	0. 041%	
289	9. 511	9. 493	9. 543	VV	231	4828	0. 17%	0. 026%	
290	9. 550	9. 543	9. 558	VV	264	1615	0. 06%	0. 009%	
291	9. 563	9. 558	9. 572	VV	283	1501	0. 05%	0. 008%	
292	9. 585	9. 572	9. 613	VV	194	3367	0. 12%	0. 018%	
293	9. 617	9. 613	9. 621	VV	194	764	0. 03%	0. 004%	
294	9. 625	9. 621	9. 630	VV	179	687	0. 02%	0. 004%	
295	9. 654	9. 630	9. 738	VV	3349	65803	2. 35%	0. 351%	
296	9. 744	9. 738	9. 788	VV	380	7987	0. 28%	0. 043%	
297	9. 802	9. 788	9. 810	VV	258	2425	0. 09%	0. 013%	
298	9. 832	9. 810	9. 865	VV	359	6928	0. 25%	0. 037%	
299	9. 870	9. 865	9. 880	VV	248	1622	0. 06%	0. 009%	
300	9. 891	9. 880	9. 914	VV	237	3478	0. 12%	0. 019%	
301	9. 938	9. 914	9. 975	VV	370	8179	0. 29%	0. 044%	
302	9. 977	9. 975	10. 007	VV	215	2535	0. 09%	0. 014%	
303	10. 046	10. 007	10. 074	PV	510	11723	0. 42%	0. 062%	
304	10. 111	10. 074	10. 128	VV	702	11831	0. 42%	0. 063%	
305	10. 135	10. 128	10. 152	VV	366	4223	0. 15%	0. 023%	
306	10. 156	10. 152	10. 170	VV	243	1765	0. 06%	0. 009%	
307	10. 175	10. 170	10. 180	VV	188	766	0. 03%	0. 004%	
308	10. 210	10. 180	10. 229	VV	194	3772	0. 13%	0. 020%	
309	10. 232	10. 229	10. 242	VV	118	633	0. 02%	0. 003%	
310	10. 246	10. 242	10. 252	VV	85	450	0. 02%	0. 002%	
311	10. 256	10. 252	10. 279	VV	94	1077	0. 04%	0. 006%	
312	10. 283	10. 279	10. 291	VV	104	452	0. 02%	0. 002%	
313	10. 293	10. 291	10. 309	VV	84	588	0. 02%	0. 003%	
314	10. 318	10. 309	10. 330	PV	141	637	0. 02%	0. 003%	
315	10. 352	10. 330	10. 373	VV	133	1481	0. 05%	0. 008%	
316	10. 377	10. 373	10. 382	VV	97	360	0. 01%	0. 002%	

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317	10.388	10.382	10.399	VV	134	856	0.03%	0.005%
318	10.401	10.399	10.405	VV	113	301	0.01%	0.002%
319	10.410	10.405	10.421	VV	139	949	0.03%	0.005%
320	10.426	10.421	10.434	VV	146	863	0.03%	0.005%
321	10.444	10.434	10.450	VV	186	1545	0.06%	0.008%
322	10.456	10.450	10.472	VV	140	1909	0.07%	0.010%
323	10.500	10.472	10.532	VV	341	7810	0.28%	0.042%
324	10.542	10.532	10.565	VV	236	3577	0.13%	0.019%
325	10.582	10.565	10.597	VV	232	2926	0.10%	0.016%
326	10.604	10.597	10.615	VV	172	1163	0.04%	0.006%
327	10.624	10.615	10.647	VV	150	2239	0.08%	0.012%
328	10.668	10.647	10.712	VV	323	6463	0.23%	0.034%
329	10.744	10.712	10.750	VV	218	3539	0.13%	0.019%
330	10.770	10.750	10.790	VV	285	5152	0.18%	0.027%
331	10.803	10.790	10.827	VV	449	7282	0.26%	0.039%
332	10.846	10.827	10.867	VV	489	8511	0.30%	0.045%
333	10.876	10.867	10.914	VV	352	7484	0.27%	0.040%
334	10.941	10.914	10.962	VV	507	10258	0.37%	0.055%
335	10.980	10.962	11.024	VV	749	13059	0.47%	0.070%
336	11.027	11.024	11.043	VV	177	1602	0.06%	0.009%
337	11.062	11.043	11.085	VV	415	6386	0.23%	0.034%
338	11.123	11.085	11.188	VV	2869	55360	1.98%	0.295%
339	11.192	11.188	11.206	VV	369	3378	0.12%	0.018%
340	11.213	11.206	11.220	VV	351	2742	0.10%	0.015%
341	11.225	11.220	11.251	VV	334	4907	0.18%	0.026%
342	11.256	11.251	11.261	VV	200	1110	0.04%	0.006%
343	11.265	11.261	11.269	VV	211	801	0.03%	0.004%
344	11.295	11.269	11.342	VV	474	9945	0.35%	0.053%
345	11.364	11.342	11.403	VV	341	7512	0.27%	0.040%
346	11.408	11.403	11.427	VV	146	1470	0.05%	0.008%
347	11.481	11.427	11.507	VV	302	6972	0.25%	0.037%
348	11.524	11.507	11.535	VV	330	4259	0.15%	0.023%
349	11.553	11.535	11.583	VV	767	12362	0.44%	0.066%
350	11.587	11.583	11.606	VV	244	2331	0.08%	0.012%
351	11.629	11.606	11.686	VV	560	11538	0.41%	0.062%
352	11.707	11.686	11.726	VV	305	3654	0.13%	0.019%
353	11.744	11.726	11.780	VV	318	3835	0.14%	0.020%
354	11.812	11.780	11.888	VV	1752	36346	1.30%	0.194%
355	11.893	11.888	11.912	VV	201	1983	0.07%	0.011%
356	11.918	11.912	11.927	VV	207	1214	0.04%	0.006%
357	11.936	11.927	11.947	VV	234	1754	0.06%	0.009%
358	11.974	11.947	12.011	VV	1338	29572	1.06%	0.158%
359	12.031	12.011	12.068	VV	1175	19385	0.69%	0.103%
360	12.077	12.068	12.135	VV	211	4298	0.15%	0.023%
361	12.160	12.135	12.175	PV	145	1943	0.07%	0.010%
362	12.216	12.175	12.246	PV	408	9948	0.35%	0.053%
363	12.273	12.246	12.289	VV	584	9605	0.34%	0.051%
364	12.315	12.289	12.374	VV	1552	33406	1.19%	0.178%

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365	12.381	12.374	12.396	VV	294	3112	0.11%	0.017%	
366	12.404	12.396	12.415	VV	217	2306	0.08%	0.012%	
367	12.428	12.415	12.440	VV	390	4067	0.15%	0.022%	
368	12.474	12.440	12.649	VV	117466	1681459	59.99%	8.963%	
369	12.673	12.649	12.700	VV	841	21598	0.77%	0.115%	
370	12.704	12.700	12.761	VV	548	15598	0.56%	0.083%	
371	12.768	12.761	12.772	VV	408	2415	0.09%	0.013%	
372	12.806	12.772	12.844	VV	561	19203	0.69%	0.102%	
373	12.861	12.844	12.885	VV	1090	14906	0.53%	0.079%	
374	12.924	12.885	13.014	VV	2454	47090	1.68%	0.251%	
375	13.019	13.014	13.025	VV	150	877	0.03%	0.005%	
376	13.027	13.025	13.069	VV	145	2201	0.08%	0.012%	
377	13.105	13.069	13.176	VV	1264	31649	1.13%	0.169%	
378	13.179	13.176	13.182	VV	173	624	0.02%	0.003%	
379	13.187	13.182	13.192	VV	210	954	0.03%	0.005%	
380	13.216	13.192	13.240	VV	426	6240	0.22%	0.033%	
381	13.277	13.240	13.332	PV	1192	32869	1.17%	0.175%	
382	13.348	13.332	13.383	VV	399	7139	0.25%	0.038%	
383	13.387	13.383	13.407	VV	100	1072	0.04%	0.006%	
384	13.417	13.407	13.440	VV	178	2019	0.07%	0.011%	
385	13.487	13.440	13.521	VV	9846	172338	6.15%	0.919%	
386	13.540	13.521	13.646	VV	7739	207996	7.42%	1.109%	
387	13.667	13.646	13.679	VV	1226	20112	0.72%	0.107%	
388	13.701	13.679	13.913	VV	34988	614772	21.93%	3.277%	
389	13.917	13.913	13.921	VV	575	2410	0.09%	0.013%	
390	13.924	13.921	13.928	VV	577	2115	0.08%	0.011%	
391	13.934	13.928	13.954	VV	539	6799	0.24%	0.036%	
392	13.958	13.954	13.964	VV	388	2217	0.08%	0.012%	
393	14.011	13.964	14.037	VV	3282	56336	2.01%	0.300%	
394	14.060	14.037	14.091	VV	2743	43054	1.54%	0.230%	
395	14.111	14.091	14.135	VV	481	10667	0.38%	0.057%	
396	14.147	14.135	14.181	VV	329	7280	0.26%	0.039%	
397	14.186	14.181	14.190	VV	248	1284	0.05%	0.007%	
398	14.198	14.190	14.225	VV	345	5168	0.18%	0.028%	
399	14.233	14.225	14.270	VV	210	4693	0.17%	0.025%	
400	14.278	14.270	14.283	VV	214	1519	0.05%	0.008%	
401	14.300	14.283	14.344	VV	258	6177	0.22%	0.033%	
402	14.355	14.344	14.379	VV	206	1611	0.06%	0.009%	
403	14.384	14.379	14.396	VV	114	929	0.03%	0.005%	
404	14.420	14.396	14.440	VV	586	8405	0.30%	0.045%	
405	14.467	14.440	14.567	VV	1406	51517	1.84%	0.275%	
406	14.578	14.567	14.589	VV	254	2666	0.10%	0.014%	
407	14.624	14.589	14.659	VV	5739	90081	3.21%	0.480%	
408	14.681	14.659	14.705	VV	1568	31304	1.12%	0.167%	
409	14.718	14.705	14.764	VV	1087	22289	0.80%	0.119%	
410	14.779	14.764	14.801	VV	411	6902	0.25%	0.037%	
411	14.843	14.801	14.922	VV	1448	45453	1.62%	0.242%	

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412	14.962	14.922	15.035	VV	200420	2802718	100.00%	14.940%
413	15.043	15.035	15.086	VV	982	20550	0.73%	0.110%
414	15.128	15.086	15.142	VV	1897	35509	1.27%	0.189%
415	15.164	15.142	15.190	VV	7032	98726	3.52%	0.526%
416	15.208	15.190	15.294	VV	1593	30340	1.08%	0.162%
417	15.299	15.294	15.302	VV	87	440	0.02%	0.002%
418	15.311	15.302	15.335	VV	167	1555	0.06%	0.008%
419	15.358	15.335	15.385	PV	350	4797	0.17%	0.026%
420	15.406	15.385	15.420	PV	205	2752	0.10%	0.015%
421	15.438	15.420	15.445	VV	182	1725	0.06%	0.009%
422	15.451	15.445	15.465	VV	158	1243	0.04%	0.007%
423	15.499	15.465	15.515	VV	460	8034	0.29%	0.043%
424	15.545	15.515	15.660	VV	43234	942342	33.62%	5.023%
425	15.684	15.660	15.720	VV	8514	134297	4.79%	0.716%
426	15.754	15.720	15.792	VV	6218	102483	3.66%	0.546%
427	15.810	15.792	15.847	VV	769	18626	0.66%	0.099%
428	15.852	15.847	15.890	VV	412	6709	0.24%	0.036%
429	15.935	15.890	15.959	VV	572	17036	0.61%	0.091%
430	15.978	15.959	15.997	VV	612	10517	0.38%	0.056%
431	16.004	15.997	16.028	VV	560	7000	0.25%	0.037%
432	16.074	16.028	16.137	VV	944	34003	1.21%	0.181%
433	16.145	16.137	16.156	VV	398	3600	0.13%	0.019%
434	16.186	16.156	16.228	VV	7776	109264	3.90%	0.582%
435	16.248	16.228	16.287	VV	510	8982	0.32%	0.048%
436	16.306	16.287	16.314	VV	125	1228	0.04%	0.007%
437	16.321	16.314	16.329	VV	143	973	0.03%	0.005%
438	16.332	16.329	16.336	VV	123	302	0.01%	0.002%
439	16.339	16.336	16.348	VV	67	239	0.01%	0.001%
440	16.365	16.348	16.384	PV	198	1872	0.07%	0.010%
441	16.387	16.384	16.402	VV	155	674	0.02%	0.004%
442	16.416	16.402	16.447	VV	133	1929	0.07%	0.010%
443	16.487	16.447	16.515	PV	707	16365	0.58%	0.087%
444	16.573	16.515	16.608	VV	3189	84553	3.02%	0.451%
445	16.634	16.608	16.649	VV	4124	69292	2.47%	0.369%
446	16.669	16.649	16.716	VV	8341	130780	4.67%	0.697%
447	16.743	16.716	16.772	VV	1756	33876	1.21%	0.181%
448	16.803	16.772	16.855	VV	1208	37163	1.33%	0.198%
449	16.864	16.855	16.881	VV	350	4346	0.16%	0.023%
450	16.921	16.881	16.936	VV	774	19011	0.68%	0.101%
451	16.970	16.936	16.992	VV	800	19887	0.71%	0.106%
452	17.031	16.992	17.052	VV	1619	35497	1.27%	0.189%
453	17.058	17.052	17.080	VV	1212	15847	0.57%	0.084%
454	17.101	17.080	17.112	VV	1411	19480	0.70%	0.104%
455	17.137	17.112	17.161	VV	7898	123119	4.39%	0.656%
456	17.185	17.161	17.240	VV	10066	168615	6.02%	0.899%
457	17.264	17.240	17.292	VV	969	20764	0.74%	0.111%
458	17.297	17.292	17.336	VV	347	7535	0.27%	0.040%
459	17.340	17.336	17.347	VV	216	1129	0.04%	0.006%

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460	17.377	17.347	17.410	VV	532	13146	0.47%	0.070%	
461	17.425	17.410	17.444	VV	377	5139	0.18%	0.027%	
462	17.473	17.444	17.491	VV	1084	15413	0.55%	0.082%	
463	17.517	17.491	17.550	VV	1680	39721	1.42%	0.212%	
464	17.586	17.550	17.640	VV	8472	138346	4.94%	0.737%	
465	17.671	17.640	17.731	VV	1490	27433	0.98%	0.146%	
466	17.750	17.731	17.760	PV	69	783	0.03%	0.004%	
467	17.814	17.760	17.831	PV	238	4984	0.18%	0.027%	
468	17.854	17.831	17.859	VV	392	4167	0.15%	0.022%	
469	17.867	17.859	17.890	VV	433	4528	0.16%	0.024%	
470	17.917	17.890	17.932	PV	338	3692	0.13%	0.020%	
471	17.980	17.932	18.004	VV	3194	63276	2.26%	0.337%	
472	18.023	18.004	18.056	VV	6140	95363	3.40%	0.508%	
473	18.113	18.056	18.160	VV	4455	100620	3.59%	0.536%	
474	18.164	18.160	18.174	VV	536	3865	0.14%	0.021%	
475	18.202	18.174	18.214	VV	846	16581	0.59%	0.088%	
476	18.249	18.214	18.284	VV	3571	60693	2.17%	0.324%	
477	18.342	18.284	18.358	VV	3531	68855	2.46%	0.367%	
478	18.387	18.358	18.430	VV	27567	606886	21.65%	3.235%	
479	18.447	18.430	18.517	VV	9822	201918	7.20%	1.076%	
480	18.542	18.517	18.602	VV	3087	74850	2.67%	0.399%	
481	18.628	18.602	18.632	VV	498	8113	0.29%	0.043%	
482	18.667	18.632	18.691	VV	691	20780	0.74%	0.111%	
483	18.746	18.691	18.752	VV	1113	34685	1.24%	0.185%	
484	18.755	18.752	18.777	VV	1129	14385	0.51%	0.077%	
485	18.782	18.777	18.785	VV	793	3833	0.14%	0.020%	
486	18.789	18.785	18.792	VV	744	3044	0.11%	0.016%	
487	18.853	18.792	18.912	VV	7179	194371	6.94%	1.036%	
488	18.958	18.912	18.988	VV	3956	98387	3.51%	0.524%	
489	19.006	18.988	19.047	VV	2255	47838	1.71%	0.255%	
490	19.055	19.047	19.084	VV	334	4884	0.17%	0.026%	
491	19.118	19.084	19.139	PV	975	16655	0.59%	0.089%	
492	19.168	19.139	19.180	VV	660	13858	0.49%	0.074%	
493	19.218	19.180	19.245	VV	20230	444019	15.84%	2.367%	
494	19.257	19.245	19.307	VV	12536	294736	10.52%	1.571%	
495	19.313	19.307	19.345	VV	3506	66430	2.37%	0.354%	
496	19.351	19.345	19.374	VV	2503	40436	1.44%	0.216%	
497	19.451	19.374	19.479	VV	6249	188984	6.74%	1.007%	
498	19.486	19.479	19.522	VV	1468	31492	1.12%	0.168%	
499	19.538	19.522	19.561	VV	1412	24652	0.88%	0.131%	
500	19.606	19.561	19.610	VV	1095	24251	0.87%	0.129%	
501	19.642	19.610	19.669	VV	4816	91350	3.26%	0.487%	
502	19.697	19.669	19.710	VV	3304	59405	2.12%	0.317%	
503	19.749	19.710	19.778	VV	6002	172951	6.17%	0.922%	
504	19.804	19.778	19.835	VV	4742	111665	3.98%	0.595%	
505	19.838	19.835	19.855	VV	1897	22418	0.80%	0.120%	
506	19.862	19.855	19.884	VV	1758	28152	1.00%	0.150%	

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507	19.916	19.884	19.929	VV	2974	66426	2.37%	0.354%
508	19.931	19.929	19.967	VV	2799	54765	1.95%	0.292%
509	20.004	19.967	20.067	VV	8037	291136	10.39%	1.552%
510	20.079	20.067	20.097	VV	2621	44291	1.58%	0.236%
511	20.114	20.097	20.131	VV	2556	49008	1.75%	0.261%
512	20.217	20.131	20.222	VV	4411	169392	6.04%	0.903%
513	20.259	20.222	20.300	VV	8285	243633	8.69%	1.299%
514	20.340	20.300	20.349	VV	4181	112612	4.02%	0.600%
515	20.382	20.349	20.452	VV	7842	295505	10.54%	1.575%
516	20.495	20.452	20.505	VV	4559	126927	4.53%	0.677%
517	20.540	20.505	20.579	VV	22416	444837	15.87%	2.371%
518	20.603	20.579	20.634	VV	5841	163982	5.85%	0.874%
519	20.641	20.634	20.658	VV	4441	62863	2.24%	0.335%
520	20.687	20.658	20.705	VV	5826	144622	5.16%	0.771%
521	20.737	20.705	20.798	VV	9109	352809	12.59%	1.881%
522	20.828	20.798	20.884	VV	5173	231979	8.28%	1.237%
523	20.911	20.884	20.926	VV	4470	106916	3.81%	0.570%
524	20.930	20.926	20.945	VV	4300	48718	1.74%	0.260%
525	20.970	20.945	20.981	VV	4262	87934	3.14%	0.469%
526	20.988	20.981	21.004	VV	4155	56951	2.03%	0.304%
527	21.021	21.004	21.073	VV	4311	161542	5.76%	0.861%
528	21.109	21.073	21.152	VV	7503	237534	8.48%	1.266%
529	21.162	21.152	21.168	VV	3916	35682	1.27%	0.190%
530	21.176	21.168	21.195	VV	3933	59220	2.11%	0.316%
531	21.213	21.195	21.222	VV	3462	56235	2.01%	0.300%
532	21.226	21.222	21.245	VV	3346	43769	1.56%	0.233%
533	21.253	21.245	21.262	VV	3030	29717	1.06%	0.158%
534	21.426	21.262	21.487	VV	4808	507691	18.11%	2.706%
535	21.528	21.487	21.567	VV	6247	203574	7.26%	1.085%
536	21.571	21.567	21.589	VV	2667	32408	1.16%	0.173%
537	21.592	21.589	21.613	VV	2418	32861	1.17%	0.175%
538	21.626	21.613	21.633	VV	2349	26806	0.96%	0.143%
539	21.645	21.633	21.655	VV	2312	30056	1.07%	0.160%
540	21.671	21.655	21.680	VV	2444	34226	1.22%	0.182%
541	21.687	21.680	21.746	VV	2403	73832	2.63%	0.394%
542	21.753	21.746	21.763	VV	1441	14086	0.50%	0.075%
543	21.774	21.763	21.783	VV	1333	14853	0.53%	0.079%
544	21.793	21.783	21.802	VV	1222	12398	0.44%	0.066%
545	21.838	21.802	21.847	VV	1299	32358	1.15%	0.172%
546	21.855	21.847	21.871	VV	1340	18546	0.66%	0.099%
547	21.875	21.871	21.890	VV	1244	13447	0.48%	0.072%
548	21.895	21.890	21.909	VV	1051	11226	0.40%	0.060%
549	21.947	21.909	21.954	VV	1366	33082	1.18%	0.176%
550	22.000	21.954	22.042	VV	4060	127298	4.54%	0.679%
551	22.047	22.042	22.078	VV	1356	25635	0.91%	0.137%
552	22.085	22.078	22.114	VV	1043	19662	0.70%	0.105%
553	22.132	22.114	22.192	VV	719	21510	0.77%	0.115%

Sum of corrected areas: 18759659

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