

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG009991.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 19:44
 Sample : N3454-12 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Title :

Signal : FID1A.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.605	1.598	1.650	BV	1114	18365	3.03%	0.044%
2	1.673	1.650	1.690	VV	1129	16955	2.79%	0.041%
3	1.699	1.690	1.709	VV	696	6915	1.14%	0.017%
4	1.729	1.709	1.743	VV	671	11908	1.96%	0.029%
5	1.751	1.743	1.763	VV	530	5572	0.92%	0.013%
6	1.780	1.763	1.815	VV	2697	32432	5.34%	0.078%
7	1.845	1.815	1.889	VV	2197	38136	6.28%	0.092%
8	1.899	1.889	1.905	VV	373	2801	0.46%	0.007%
9	1.925	1.905	1.953	VV	820	13423	2.21%	0.032%
10	1.962	1.953	1.972	VV	281	2602	0.43%	0.006%
11	1.990	1.972	2.002	VV	674	8409	1.39%	0.020%
12	2.015	2.002	2.036	VV	567	8064	1.33%	0.019%
13	2.057	2.036	2.081	VV	673	10293	1.70%	0.025%
14	2.107	2.081	2.148	VV	2346	38274	6.30%	0.092%
15	2.168	2.148	2.175	VV	2289	23451	3.86%	0.057%
16	2.182	2.175	2.212	VV	2217	27900	4.60%	0.067%
17	2.230	2.212	2.247	VV	6497	71583	11.79%	0.173%
18	2.262	2.247	2.295	VV	5252	78182	12.88%	0.189%
19	2.308	2.295	2.353	VV	1723	32291	5.32%	0.078%
20	2.413	2.353	2.445	VV	8977	148618	24.48%	0.358%
21	2.459	2.445	2.481	VV	647	8615	1.42%	0.021%
22	2.516	2.481	2.533	VV	2038	32690	5.39%	0.079%
23	2.549	2.533	2.564	VV	2373	30176	4.97%	0.073%
24	2.579	2.564	2.615	VV	1684	25457	4.19%	0.061%
25	2.655	2.615	2.672	VV	2122	29461	4.85%	0.071%
26	2.691	2.672	2.706	VV	3723	46273	7.62%	0.112%
27	2.710	2.706	2.725	VV	1915	17864	2.94%	0.043%
28	2.747	2.725	2.751	VV	2148	24897	4.10%	0.060%
29	2.767	2.751	2.804	VV	4059	71426	11.77%	0.172%
30	2.818	2.804	2.824	VV	771	7889	1.30%	0.019%
31	2.855	2.824	2.870	VV	10351	149572	24.64%	0.361%
32	2.882	2.870	2.912	VV	6685	95774	15.78%	0.231%
33	2.921	2.912	2.932	VV	1013	10580	1.74%	0.026%
34	2.942	2.932	2.977	VV	902	16880	2.78%	0.041%
35	2.999	2.977	3.020	VV	2892	36335	5.99%	0.088%
36	3.035	3.020	3.047	VV	2442	27987	4.61%	0.067%

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37	3. 065	3. 047	3. 074	VV	4418	51691	8. 52%	0. 125%
38	3. 092	3. 074	3. 112	VV	15509	199445	32. 85%	0. 481%
39	3. 117	3. 112	3. 165	VV	4142	60827	10. 02%	0. 147%
40	3. 191	3. 165	3. 198	PV	1308	13667	2. 25%	0. 033%
41	3. 218	3. 198	3. 234	VV	9483	116426	19. 18%	0. 281%
42	3. 249	3. 234	3. 272	VV	10307	123526	20. 35%	0. 298%
43	3. 294	3. 272	3. 309	VV	7247	97058	15. 99%	0. 234%
44	3. 321	3. 309	3. 337	VV	5461	67439	11. 11%	0. 163%
45	3. 357	3. 337	3. 374	VV	4902	66749	11. 00%	0. 161%
46	3. 394	3. 374	3. 437	VV	10542	170710	28. 12%	0. 412%
47	3. 476	3. 437	3. 510	VV	10820	215548	35. 51%	0. 520%
48	3. 532	3. 510	3. 571	VV	17658	361482	59. 55%	0. 872%
49	3. 613	3. 571	3. 638	VV	18090	366222	60. 33%	0. 883%
50	3. 653	3. 638	3. 687	VV	8731	167267	27. 55%	0. 403%
51	3. 709	3. 687	3. 742	VV	18034	226751	37. 35%	0. 547%
52	3. 778	3. 742	3. 790	VV	12108	207408	34. 17%	0. 500%
53	3. 801	3. 790	3. 824	VV	13409	160688	26. 47%	0. 387%
54	3. 846	3. 824	3. 873	VV	6853	106540	17. 55%	0. 257%
55	3. 895	3. 873	3. 919	VV	9357	177431	29. 23%	0. 428%
56	3. 938	3. 919	3. 958	VV	12781	227557	37. 49%	0. 549%
57	3. 973	3. 958	4. 000	VV	12554	189123	31. 15%	0. 456%
58	4. 019	4. 000	4. 029	VV	4652	58847	9. 69%	0. 142%
59	4. 047	4. 029	4. 059	VV	10674	137334	22. 62%	0. 331%
60	4. 075	4. 059	4. 090	VV	18601	237680	39. 15%	0. 573%
61	4. 105	4. 090	4. 129	VV	19097	284398	46. 85%	0. 686%
62	4. 149	4. 129	4. 187	VV	7844	162825	26. 82%	0. 393%
63	4. 227	4. 187	4. 254	VV	16444	295525	48. 68%	0. 713%
64	4. 276	4. 254	4. 302	VV	12426	241221	39. 74%	0. 582%
65	4. 325	4. 302	4. 341	VV	9804	182093	30. 00%	0. 439%
66	4. 353	4. 341	4. 360	VV	6236	63681	10. 49%	0. 154%
67	4. 365	4. 360	4. 384	VV	6245	66694	10. 99%	0. 161%
68	4. 404	4. 384	4. 455	VV	11176	207719	34. 22%	0. 501%
69	4. 481	4. 455	4. 493	VV	4329	72733	11. 98%	0. 175%
70	4. 517	4. 493	4. 529	VV	12603	190023	31. 30%	0. 458%
71	4. 547	4. 529	4. 607	VV	20787	530273	87. 35%	1. 279%
72	4. 627	4. 607	4. 659	VV	12499	268712	44. 27%	0. 648%
73	4. 691	4. 659	4. 715	VV	14871	348492	57. 41%	0. 840%
74	4. 740	4. 715	4. 752	VV	12578	212546	35. 01%	0. 512%
75	4. 771	4. 752	4. 792	VV	14819	295653	48. 70%	0. 713%
76	4. 805	4. 792	4. 822	VV	14107	207501	34. 18%	0. 500%
77	4. 843	4. 822	4. 885	VV	39332	607046	100. 00%	1. 464%
78	4. 905	4. 885	4. 911	VV	6838	81793	13. 47%	0. 197%
79	4. 923	4. 911	4. 939	VV	8454	116158	19. 13%	0. 280%
80	4. 957	4. 939	4. 979	VV	11210	162222	26. 72%	0. 391%
81	5. 020	4. 979	5. 067	VV	9449	307549	50. 66%	0. 742%
82	5. 091	5. 067	5. 101	VV	10286	135768	22. 37%	0. 327%
83	5. 121	5. 101	5. 151	VV	22061	412682	67. 98%	0. 995%
84	5. 178	5. 151	5. 196	VV	11374	214447	35. 33%	0. 517%
85	5. 226	5. 196	5. 238	VV	6655	132721	21. 86%	0. 320%
86	5. 258	5. 238	5. 273	VV	14770	210477	34. 67%	0. 507%
87	5. 284	5. 273	5. 296	VV	10096	125718	20. 71%	0. 303%
88	5. 300	5. 296	5. 308	VV	8524	58634	9. 66%	0. 141%
89	5. 325	5. 308	5. 345	VV	12196	224265	36. 94%	0. 541%

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90	5.358	5.345	5.369	VV	11137	134100	22.09%	0.323%
91	5.384	5.369	5.408	VV	11116	212096	34.94%	0.511%
92	5.418	5.408	5.432	VV	7767	98012	16.15%	0.236%
93	5.443	5.432	5.456	VV	6793	79140	13.04%	0.191%
94	5.486	5.456	5.510	VV	27635	440886	72.63%	1.063%
95	5.520	5.510	5.528	VV	5352	55247	9.10%	0.133%
96	5.537	5.528	5.549	VV	5382	61899	10.20%	0.149%
97	5.563	5.549	5.582	VV	6774	104329	17.19%	0.252%
98	5.612	5.582	5.625	VV	5943	131084	21.59%	0.316%
99	5.655	5.625	5.694	VV	25254	435357	71.72%	1.050%
100	5.710	5.694	5.726	VV	6499	112892	18.60%	0.272%
101	5.740	5.726	5.753	VV	6440	93961	15.48%	0.227%
102	5.767	5.753	5.776	VV	8193	96152	15.84%	0.232%
103	5.791	5.776	5.807	VV	13387	184687	30.42%	0.445%
104	5.812	5.807	5.833	VV	7835	87233	14.37%	0.210%
105	5.858	5.833	5.880	VV	7537	150345	24.77%	0.363%
106	5.892	5.880	5.903	VV	6172	81047	13.35%	0.195%
107	5.915	5.903	5.940	VV	6458	99080	16.32%	0.239%
108	5.965	5.940	5.991	VV	9614	174038	28.67%	0.420%
109	6.018	5.991	6.033	VV	9183	172793	28.46%	0.417%
110	6.042	6.033	6.057	VV	5721	71508	11.78%	0.172%
111	6.090	6.057	6.123	VV	5930	192624	31.73%	0.464%
112	6.146	6.123	6.165	VV	6924	119465	19.68%	0.288%
113	6.197	6.165	6.219	VV	8890	199929	32.93%	0.482%
114	6.236	6.219	6.258	VV	7991	140218	23.10%	0.338%
115	6.277	6.258	6.292	VV	6615	101745	16.76%	0.245%
116	6.319	6.292	6.351	VV	8035	232730	38.34%	0.561%
117	6.358	6.351	6.371	VV	5727	62396	10.28%	0.150%
118	6.394	6.371	6.423	VV	8926	216168	35.61%	0.521%
119	6.439	6.423	6.455	VV	8093	138749	22.86%	0.335%
120	6.463	6.455	6.478	VV	6920	87882	14.48%	0.212%
121	6.483	6.478	6.513	VV	5542	86287	14.21%	0.208%
122	6.542	6.513	6.567	VV	6800	158100	26.04%	0.381%
123	6.588	6.567	6.596	VV	5734	81712	13.46%	0.197%
124	6.610	6.596	6.625	VV	6180	94213	15.52%	0.227%
125	6.638	6.625	6.654	VV	5456	80424	13.25%	0.194%
126	6.676	6.654	6.689	VV	14015	194358	32.02%	0.469%
127	6.698	6.689	6.732	VV	11273	182821	30.12%	0.441%
128	6.769	6.732	6.786	VV	7768	175716	28.95%	0.424%
129	6.812	6.786	6.820	VV	6693	117539	19.36%	0.283%
130	6.840	6.820	6.858	VV	9594	169406	27.91%	0.408%
131	6.867	6.858	6.886	VV	5746	81794	13.47%	0.197%
132	6.913	6.886	6.928	VV	8615	150309	24.76%	0.362%
133	6.937	6.928	6.955	VV	5773	81789	13.47%	0.197%
134	6.973	6.955	6.986	VV	7435	109791	18.09%	0.265%
135	7.006	6.986	7.023	VV	8204	153227	25.24%	0.369%
136	7.045	7.023	7.067	VV	9984	201190	33.14%	0.485%
137	7.092	7.067	7.116	VV	7829	187580	30.90%	0.452%
138	7.140	7.116	7.159	VV	8969	180931	29.81%	0.436%
139	7.168	7.159	7.191	VV	6820	109843	18.09%	0.265%
140	7.196	7.191	7.208	VV	4332	42759	7.04%	0.103%
141	7.243	7.208	7.278	VV	33839	528133	87.00%	1.273%

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142	7. 297	7. 278	7. 316	VV	10307	177889	29. 30%	0. 429%
143	7. 337	7. 316	7. 355	VV	10941	182652	30. 09%	0. 440%
144	7. 364	7. 355	7. 380	VV	6315	82268	13. 55%	0. 198%
145	7. 397	7. 380	7. 404	VV	5738	77986	12. 85%	0. 188%
146	7. 426	7. 404	7. 445	VV	8272	167163	27. 54%	0. 403%
147	7. 454	7. 445	7. 484	VV	6659	143968	23. 72%	0. 347%
148	7. 513	7. 484	7. 536	VV	7625	191561	31. 56%	0. 462%
149	7. 550	7. 536	7. 562	VV	6089	87618	14. 43%	0. 211%
150	7. 594	7. 562	7. 615	VV	8169	213313	35. 14%	0. 514%
151	7. 641	7. 615	7. 672	VV	12008	282369	46. 52%	0. 681%
152	7. 685	7. 672	7. 707	VV	6431	109495	18. 04%	0. 264%
153	7. 740	7. 707	7. 763	VV	7467	189158	31. 16%	0. 456%
154	7. 803	7. 763	7. 820	VV	10907	246696	40. 64%	0. 595%
155	7. 834	7. 820	7. 875	VV	6524	179689	29. 60%	0. 433%
156	7. 894	7. 875	7. 916	VV	7691	153626	25. 31%	0. 370%
157	7. 933	7. 916	7. 953	VV	6922	127416	20. 99%	0. 307%
158	7. 960	7. 953	7. 972	VV	5165	60358	9. 94%	0. 146%
159	7. 988	7. 972	7. 995	VV	5906	74091	12. 21%	0. 179%
160	8. 033	7. 995	8. 061	VV	7481	272035	44. 81%	0. 656%
161	8. 072	8. 061	8. 091	VV	6773	113129	18. 64%	0. 273%
162	8. 094	8. 091	8. 116	VV	5873	81039	13. 35%	0. 195%
163	8. 136	8. 116	8. 148	VV	7201	117704	19. 39%	0. 284%
164	8. 170	8. 148	8. 194	VV	31241	426167	70. 20%	1. 028%
165	8. 210	8. 194	8. 233	VV	9786	172814	28. 47%	0. 417%
166	8. 255	8. 233	8. 271	VV	9393	156364	25. 76%	0. 377%
167	8. 284	8. 271	8. 296	VV	7006	93982	15. 48%	0. 227%
168	8. 315	8. 296	8. 327	VV	7061	122208	20. 13%	0. 295%
169	8. 342	8. 327	8. 360	VV	7581	134435	22. 15%	0. 324%
170	8. 370	8. 360	8. 382	VV	6431	83279	13. 72%	0. 201%
171	8. 400	8. 382	8. 421	VV	8998	167191	27. 54%	0. 403%
172	8. 440	8. 421	8. 456	VV	6645	124490	20. 51%	0. 300%
173	8. 471	8. 456	8. 479	VV	6675	85877	14. 15%	0. 207%
174	8. 494	8. 479	8. 513	VV	9898	159385	26. 26%	0. 384%
175	8. 526	8. 513	8. 539	VV	6330	91595	15. 09%	0. 221%
176	8. 552	8. 539	8. 570	VV	6809	112425	18. 52%	0. 271%
177	8. 591	8. 570	8. 607	VV	6197	129629	21. 35%	0. 313%
178	8. 627	8. 607	8. 665	VV	6151	196182	32. 32%	0. 473%
179	8. 681	8. 665	8. 687	VV	5386	65228	10. 75%	0. 157%
180	8. 704	8. 687	8. 737	VV	8682	201589	33. 21%	0. 486%
181	8. 745	8. 737	8. 776	VV	6116	124829	20. 56%	0. 301%
182	8. 803	8. 776	8. 834	VV	6529	193534	31. 88%	0. 467%
183	8. 857	8. 834	8. 870	VV	6734	127047	20. 93%	0. 306%
184	8. 891	8. 870	8. 917	VV	27208	388609	64. 02%	0. 937%
185	8. 930	8. 917	8. 945	VV	5352	83838	13. 81%	0. 202%
186	8. 959	8. 945	8. 978	VV	6467	106672	17. 57%	0. 257%
187	8. 983	8. 978	8. 989	VV	4502	30093	4. 96%	0. 073%
188	9. 012	8. 989	9. 023	VV	6007	104893	17. 28%	0. 253%
189	9. 037	9. 023	9. 053	VV	6729	104728	17. 25%	0. 253%
190	9. 062	9. 053	9. 090	VV	5262	104818	17. 27%	0. 253%
191	9. 113	9. 090	9. 133	VV	6786	145630	23. 99%	0. 351%
192	9. 149	9. 133	9. 163	VV	5829	93011	15. 32%	0. 224%
193	9. 178	9. 163	9. 188	VV	5698	80798	13. 31%	0. 195%
194	9. 195	9. 188	9. 222	VV	5962	98795	16. 27%	0. 238%

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195	9. 259	9. 222	9. 280	VV	5848	148716	24. 50%	0. 359%
196	9. 305	9. 280	9. 351	VV	5751	166003	27. 35%	0. 400%
197	9. 375	9. 351	9. 388	VV	3942	74841	12. 33%	0. 180%
198	9. 393	9. 388	9. 398	VV	3522	20480	3. 37%	0. 049%
199	9. 415	9. 398	9. 428	VV	4077	68314	11. 25%	0. 165%
200	9. 444	9. 428	9. 463	VV	4832	88802	14. 63%	0. 214%
201	9. 475	9. 463	9. 491	VV	4110	64154	10. 57%	0. 155%
202	9. 500	9. 491	9. 526	VV	3523	66432	10. 94%	0. 160%
203	9. 548	9. 526	9. 582	VV	7521	151565	24. 97%	0. 365%
204	9. 604	9. 582	9. 613	VV	4282	67696	11. 15%	0. 163%
205	9. 630	9. 613	9. 657	VV	6372	119357	19. 66%	0. 288%
206	9. 664	9. 657	9. 670	VV	2835	21761	3. 58%	0. 052%
207	9. 715	9. 670	9. 751	VV	5981	181494	29. 90%	0. 438%
208	9. 773	9. 751	9. 781	VV	2318	36916	6. 08%	0. 089%
209	9. 787	9. 781	9. 790	VV	2429	13450	2. 22%	0. 032%
210	9. 799	9. 790	9. 824	VV	2429	44338	7. 30%	0. 107%
211	9. 869	9. 824	9. 889	VV	3023	93915	15. 47%	0. 226%
212	9. 910	9. 889	9. 941	VV	5346	118427	19. 51%	0. 286%
213	9. 957	9. 941	9. 976	VV	4114	69481	11. 45%	0. 168%
214	9. 982	9. 976	9. 991	VV	2495	22446	3. 70%	0. 054%
215	10. 010	9. 991	10. 024	VV	2999	53250	8. 77%	0. 128%
216	10. 037	10. 024	10. 047	VV	2785	38054	6. 27%	0. 092%
217	10. 059	10. 047	10. 080	VV	2674	46232	7. 62%	0. 111%
218	10. 084	10. 080	10. 096	VV	1788	16441	2. 71%	0. 040%
219	10. 112	10. 096	10. 131	VV	2270	39727	6. 54%	0. 096%
220	10. 136	10. 131	10. 151	VV	1735	19510	3. 21%	0. 047%
221	10. 183	10. 151	10. 213	VV	2287	70590	11. 63%	0. 170%
222	10. 236	10. 213	10. 258	VV	2212	47488	7. 82%	0. 115%
223	10. 271	10. 258	10. 287	VV	1878	29288	4. 82%	0. 071%
224	10. 302	10. 287	10. 316	VV	1867	28687	4. 73%	0. 069%
225	10. 347	10. 316	10. 384	VV	11953	223548	36. 83%	0. 539%
226	10. 402	10. 384	10. 440	VV	2454	69456	11. 44%	0. 167%
227	10. 448	10. 440	10. 468	VV	1740	27454	4. 52%	0. 066%
228	10. 489	10. 468	10. 510	VV	2708	46066	7. 59%	0. 111%
229	10. 532	10. 510	10. 561	VV	1534	35677	5. 88%	0. 086%
230	10. 589	10. 561	10. 606	VV	1583	32777	5. 40%	0. 079%
231	10. 625	10. 606	10. 647	VV	2112	39709	6. 54%	0. 096%
232	10. 668	10. 647	10. 676	VV	1822	26779	4. 41%	0. 065%
233	10. 696	10. 676	10. 730	VV	2797	62796	10. 34%	0. 151%
234	10. 771	10. 730	10. 808	VV	14912	246884	40. 67%	0. 595%
235	10. 816	10. 808	10. 854	VV	1687	30244	4. 98%	0. 073%
236	10. 889	10. 854	10. 904	VV	1229	26020	4. 29%	0. 063%
237	10. 924	10. 904	10. 948	VV	1337	27441	4. 52%	0. 066%
238	10. 964	10. 948	10. 990	VV	1170	23496	3. 87%	0. 057%
239	10. 996	10. 990	11. 003	VV	681	5025	0. 83%	0. 012%
240	11. 023	11. 003	11. 028	VV	1265	13908	2. 29%	0. 034%
241	11. 036	11. 028	11. 060	VV	1243	19777	3. 26%	0. 048%
242	11. 090	11. 060	11. 128	VV	2329	47172	7. 77%	0. 114%
243	11. 175	11. 128	11. 190	VV	776	18601	3. 06%	0. 045%
244	11. 231	11. 190	11. 260	VV	809	26448	4. 36%	0. 064%
245	11. 276	11. 260	11. 292	VV	642	10202	1. 68%	0. 025%
246	11. 323	11. 292	11. 330	VV	908	14866	2. 45%	0. 036%

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247	11.352	11.330	11.375	VV	900	20655	3.40%	0.050%
248	11.401	11.375	11.437	VV	1565	34911	5.75%	0.084%
249	11.450	11.437	11.463	VV	761	9558	1.57%	0.023%
250	11.493	11.463	11.546	VV	8053	127185	20.95%	0.307%
251	11.560	11.546	11.588	VV	569	9553	1.57%	0.023%
252	11.599	11.588	11.615	VV	436	4999	0.82%	0.012%
253	11.623	11.615	11.631	VV	225	1815	0.30%	0.004%
254	11.676	11.631	11.711	VV	1180	34449	5.67%	0.083%
255	11.718	11.711	11.741	VV	705	7350	1.21%	0.018%
256	11.764	11.741	11.783	PV	811	11915	1.96%	0.029%
257	11.793	11.783	11.818	VV	478	6004	0.99%	0.014%
258	11.841	11.818	11.852	VV	594	8161	1.34%	0.020%
259	11.878	11.852	11.899	VV	1241	22718	3.74%	0.055%
260	11.911	11.899	11.935	VV	687	11561	1.90%	0.028%
261	11.938	11.935	11.941	VV	424	1485	0.24%	0.004%
262	11.949	11.941	11.971	VV	596	9144	1.51%	0.022%
263	12.005	11.971	12.026	VV	670	17040	2.81%	0.041%
264	12.053	12.026	12.126	VV	2743	66615	10.97%	0.161%
265	12.137	12.126	12.151	VV	395	4630	0.76%	0.011%
266	12.190	12.151	12.215	VV	867	23334	3.84%	0.056%
267	12.220	12.215	12.223	VV	385	1612	0.27%	0.004%
268	12.228	12.223	12.242	VV	437	2921	0.48%	0.007%
269	12.269	12.242	12.292	VV	955	16306	2.69%	0.039%
270	12.316	12.292	12.359	VV	2924	52299	8.62%	0.126%
271	12.377	12.359	12.398	VV	691	13717	2.26%	0.033%
272	12.422	12.398	12.441	VV	652	13671	2.25%	0.033%
273	12.446	12.441	12.453	VV	500	3309	0.55%	0.008%
274	12.458	12.453	12.465	VV	518	3156	0.52%	0.008%
275	12.478	12.465	12.490	VV	668	7656	1.26%	0.018%
276	12.517	12.490	12.533	VV	637	12052	1.99%	0.029%
277	12.556	12.533	12.580	VV	602	13425	2.21%	0.032%
278	12.583	12.580	12.593	VV	504	3678	0.61%	0.009%
279	12.627	12.593	12.680	VV	4447	79378	13.08%	0.191%
280	12.714	12.680	12.736	VV	1733	33302	5.49%	0.080%
281	12.740	12.736	12.760	VV	839	6976	1.15%	0.017%
282	12.776	12.760	12.788	VV	605	7047	1.16%	0.017%
283	12.803	12.788	12.834	VV	668	12471	2.05%	0.030%
284	12.861	12.834	12.897	VV	705	15605	2.57%	0.038%
285	12.910	12.897	12.926	PV	187	1696	0.28%	0.004%
286	12.931	12.926	12.940	VV	194	1011	0.17%	0.002%
287	12.961	12.940	12.972	VV	331	3896	0.64%	0.009%
288	12.989	12.972	13.021	VV	540	9439	1.55%	0.023%
289	13.038	13.021	13.061	VV	1046	13838	2.28%	0.033%
290	13.086	13.061	13.111	VV	3395	42046	6.93%	0.101%
291	13.131	13.111	13.138	PV	552	6004	0.99%	0.014%
292	13.142	13.138	13.155	VV	484	3732	0.61%	0.009%
293	13.160	13.155	13.176	VV	465	3830	0.63%	0.009%
294	13.212	13.176	13.259	VV	1774	43454	7.16%	0.105%
295	13.272	13.259	13.307	VV	457	8738	1.44%	0.021%
296	13.326	13.307	13.361	VV	1420	23142	3.81%	0.056%
297	13.381	13.361	13.404	VV	579	9433	1.55%	0.023%
298	13.423	13.404	13.428	PV	265	1924	0.32%	0.005%
299	13.446	13.428	13.456	VV	426	5204	0.86%	0.013%

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300	13.470	13.456	13.487	VV	539	7274	1.20%	0.018%	
301	13.491	13.487	13.505	VV	311	2032	0.33%	0.005%	
302	13.524	13.505	13.527	VV	159	1312	0.22%	0.003%	
303	13.552	13.527	13.583	VV	2061	32961	5.43%	0.079%	
304	13.604	13.583	13.617	VV	775	11651	1.92%	0.028%	
305	13.637	13.617	13.666	VV	804	13912	2.29%	0.034%	
306	13.676	13.666	13.695	VV	383	3965	0.65%	0.010%	
307	13.704	13.695	13.718	VV	165	1530	0.25%	0.004%	
308	13.749	13.718	13.759	VV	914	14326	2.36%	0.035%	
309	13.771	13.759	13.790	VV	1002	14040	2.31%	0.034%	
310	13.795	13.790	13.799	VV	410	2168	0.36%	0.005%	
311	13.826	13.799	13.866	VV	1037	23131	3.81%	0.056%	
312	13.910	13.866	13.960	VV	1658	37029	6.10%	0.089%	
313	13.967	13.960	13.975	VV	253	1558	0.26%	0.004%	
314	14.001	13.975	14.013	VV	371	5419	0.89%	0.013%	
315	14.020	14.013	14.031	VV	386	3209	0.53%	0.008%	
316	14.056	14.031	14.080	VV	526	8885	1.46%	0.021%	
317	14.094	14.080	14.103	VV	303	2669	0.44%	0.006%	
318	14.147	14.103	14.180	VV	1437	31661	5.22%	0.076%	
319	14.214	14.180	14.233	VV	624	13200	2.17%	0.032%	
320	14.239	14.233	14.248	VV	390	2750	0.45%	0.007%	
321	14.252	14.248	14.262	VV	269	1740	0.29%	0.004%	
322	14.268	14.262	14.272	VV	170	956	0.16%	0.002%	
323	14.308	14.272	14.313	VV	740	12035	1.98%	0.029%	
324	14.317	14.313	14.348	VV	671	12072	1.99%	0.029%	
325	14.368	14.348	14.382	VV	652	9998	1.65%	0.024%	
326	14.397	14.382	14.410	VV	723	8705	1.43%	0.021%	
327	14.414	14.410	14.436	VV	397	4634	0.76%	0.011%	
328	14.448	14.436	14.453	VV	328	2283	0.38%	0.006%	
329	14.477	14.453	14.504	VV	1865	27464	4.52%	0.066%	
330	14.518	14.504	14.526	PV	453	3750	0.62%	0.009%	
331	14.544	14.526	14.558	VV	976	12867	2.12%	0.031%	
332	14.564	14.558	14.582	VV	744	8880	1.46%	0.021%	
333	14.606	14.582	14.632	VV	1571	28970	4.77%	0.070%	
334	14.637	14.632	14.651	VV	660	4901	0.81%	0.012%	
335	14.661	14.651	14.677	VV	312	3510	0.58%	0.008%	
336	14.726	14.677	14.746	VV	733	21064	3.47%	0.051%	
337	14.753	14.746	14.758	VV	677	4287	0.71%	0.010%	
338	14.763	14.758	14.785	VV	625	6932	1.14%	0.017%	
339	14.790	14.785	14.792	VV	446	1739	0.29%	0.004%	
340	14.817	14.792	14.844	VV	3410	52490	8.65%	0.127%	
341	14.863	14.844	14.881	VV	667	10804	1.78%	0.026%	
342	14.920	14.881	14.938	VV	1181	24359	4.01%	0.059%	
343	14.956	14.938	14.981	VV	1172	17211	2.84%	0.041%	
344	15.018	14.981	15.040	VV	1896	31714	5.22%	0.076%	
345	15.045	15.040	15.048	VV	624	2501	0.41%	0.006%	
346	15.052	15.048	15.054	VV	597	2174	0.36%	0.005%	
347	15.079	15.054	15.113	VV	1047	26349	4.34%	0.064%	
348	15.127	15.113	15.136	VV	1013	10440	1.72%	0.025%	
349	15.161	15.136	15.194	VV	1292	25904	4.27%	0.062%	
350	15.228	15.194	15.240	PV	880	15447	2.54%	0.037%	
351	15.247	15.240	15.251	VV	695	4091	0.67%	0.010%	

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352	15. 265	15. 251	15. 282	VV	967	14020	2. 31%	0. 034%
353	15. 292	15. 282	15. 298	VV	724	6277	1. 03%	0. 015%
354	15. 304	15. 298	15. 321	VV	632	6637	1. 09%	0. 016%
355	15. 326	15. 321	15. 338	VV	392	3050	0. 50%	0. 007%
356	15. 357	15. 338	15. 363	VV	688	7085	1. 17%	0. 017%
357	15. 367	15. 363	15. 391	VV	646	6019	0. 99%	0. 015%
358	15. 431	15. 391	15. 445	PV	1164	23619	3. 89%	0. 057%
359	15. 449	15. 445	15. 453	VV	1005	4846	0. 80%	0. 012%
360	15. 461	15. 453	15. 480	VV	1033	12012	1. 98%	0. 029%
361	15. 484	15. 480	15. 501	VV	515	4008	0. 66%	0. 010%
362	15. 545	15. 501	15. 562	VV	2180	40362	6. 65%	0. 097%
363	15. 591	15. 562	15. 615	VV	3109	61321	10. 10%	0. 148%
364	15. 626	15. 615	15. 666	VV	1595	24841	4. 09%	0. 060%
365	15. 680	15. 666	15. 686	VV	262	1420	0. 23%	0. 003%
366	15. 693	15. 686	15. 696	VV	145	453	0. 07%	0. 001%
367	15. 708	15. 696	15. 713	VV	428	2557	0. 42%	0. 006%
368	15. 761	15. 713	15. 788	VV	1073	31156	5. 13%	0. 075%
369	15. 794	15. 788	15. 814	VV	728	7504	1. 24%	0. 018%
370	15. 858	15. 814	15. 880	VV	1797	44092	7. 26%	0. 106%
371	15. 886	15. 880	15. 908	VV	882	11206	1. 85%	0. 027%
372	15. 932	15. 908	15. 942	VV	715	10584	1. 74%	0. 026%
373	15. 948	15. 942	15. 953	VV	423	2255	0. 37%	0. 005%
374	15. 957	15. 953	15. 968	VV	331	2214	0. 36%	0. 005%
375	15. 987	15. 968	15. 997	VV	458	6202	1. 02%	0. 015%
376	16. 002	15. 997	16. 013	VV	524	3624	0. 60%	0. 009%
377	16. 043	16. 013	16. 066	VV	2045	35428	5. 84%	0. 085%
378	16. 085	16. 066	16. 090	VV	1376	16414	2. 70%	0. 040%
379	16. 093	16. 090	16. 119	VV	1304	12143	2. 00%	0. 029%
380	16. 131	16. 119	16. 136	VV	228	1787	0. 29%	0. 004%
381	16. 142	16. 136	16. 148	PV	287	893	0. 15%	0. 002%
382	16. 211	16. 148	16. 218	VV	1491	26774	4. 41%	0. 065%
383	16. 230	16. 218	16. 246	VV	1373	17959	2. 96%	0. 043%
384	16. 260	16. 246	16. 266	VV	991	8494	1. 40%	0. 020%
385	16. 289	16. 266	16. 319	VV	1387	33940	5. 59%	0. 082%
386	16. 364	16. 319	16. 388	VV	2655	70257	11. 57%	0. 169%
387	16. 393	16. 388	16. 444	VV	1925	35775	5. 89%	0. 086%
388	16. 470	16. 444	16. 510	VV	1906	43945	7. 24%	0. 106%
389	16. 526	16. 510	16. 544	VV	2126	26389	4. 35%	0. 064%
390	16. 555	16. 544	16. 584	VV	958	18345	3. 02%	0. 044%
391	16. 593	16. 584	16. 602	VV	688	6469	1. 07%	0. 016%
392	16. 618	16. 602	16. 640	VV	838	14461	2. 38%	0. 035%
393	16. 648	16. 640	16. 667	VV	1027	13179	2. 17%	0. 032%
394	16. 674	16. 667	16. 680	VV	978	6344	1. 05%	0. 015%
395	16. 706	16. 680	16. 712	VV	1488	22566	3. 72%	0. 054%
396	16. 720	16. 712	16. 725	VV	1376	10128	1. 67%	0. 024%
397	16. 745	16. 725	16. 750	VV	2115	23862	3. 93%	0. 058%
398	16. 754	16. 750	16. 763	VV	2068	15043	2. 48%	0. 036%
399	16. 792	16. 763	16. 813	VV	2489	59674	9. 83%	0. 144%
400	16. 852	16. 813	16. 893	VV	2469	67029	11. 04%	0. 162%
401	16. 906	16. 893	16. 921	VV	1195	15685	2. 58%	0. 038%
402	16. 960	16. 921	16. 976	VV	1585	35315	5. 82%	0. 085%
403	16. 997	16. 976	17. 018	VV	4420	67576	11. 13%	0. 163%
404	17. 029	17. 018	17. 060	VV	1870	34862	5. 74%	0. 084%

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405	17.073	17.060	17.086	VV	1440	18723	3.08%	0.045%
406	17.102	17.086	17.119	VV	1607	25162	4.15%	0.061%
407	17.136	17.119	17.145	VV	2019	27554	4.54%	0.066%
408	17.149	17.145	17.155	VV	1849	10037	1.65%	0.024%
409	17.162	17.155	17.179	VV	2133	25695	4.23%	0.062%
410	17.210	17.179	17.263	VV	3515	114147	18.80%	0.275%
411	17.274	17.263	17.279	VV	1701	15301	2.52%	0.037%
412	17.292	17.279	17.301	VV	1603	20393	3.36%	0.049%
413	17.320	17.301	17.328	VV	1906	26396	4.35%	0.064%
414	17.375	17.328	17.421	VV	3215	104375	17.19%	0.252%
415	17.447	17.421	17.483	VV	3752	82841	13.65%	0.200%
416	17.499	17.483	17.515	VV	1702	25957	4.28%	0.063%
417	17.558	17.515	17.567	VV	2524	58660	9.66%	0.141%
418	17.574	17.567	17.612	VV	2529	54911	9.05%	0.132%
419	17.627	17.612	17.651	VV	1878	31680	5.22%	0.076%
420	17.667	17.651	17.681	VV	1721	24470	4.03%	0.059%
421	17.699	17.681	17.727	VV	1853	37748	6.22%	0.091%
422	17.732	17.727	17.739	VV	1211	7885	1.30%	0.019%
423	17.757	17.739	17.779	VV	2160	42018	6.92%	0.101%
424	17.785	17.779	17.793	VV	2032	14945	2.46%	0.036%
425	17.812	17.793	17.820	VV	3168	42243	6.96%	0.102%
426	17.825	17.820	17.828	VV	2811	14171	2.33%	0.034%
427	17.842	17.828	17.855	VV	3053	44998	7.41%	0.108%
428	17.860	17.855	17.863	VV	2589	12692	2.09%	0.031%
429	17.887	17.863	17.933	VV	3812	95052	15.66%	0.229%
430	17.942	17.933	17.947	VV	1423	10503	1.73%	0.025%
431	17.950	17.947	17.955	VV	1325	5788	0.95%	0.014%
432	17.973	17.955	17.980	VV	1682	20723	3.41%	0.050%
433	17.996	17.980	18.001	VV	2973	30115	4.96%	0.073%
434	18.021	18.001	18.077	VV	3498	89212	14.70%	0.215%
435	18.097	18.077	18.123	VV	1428	28084	4.63%	0.068%
436	18.139	18.123	18.143	VV	1147	11348	1.87%	0.027%
437	18.175	18.143	18.189	VV	1911	39296	6.47%	0.095%
438	18.255	18.189	18.261	VV	2519	68569	11.30%	0.165%
439	18.266	18.261	18.284	VV	2285	23539	3.88%	0.057%
440	18.307	18.284	18.333	VV	3703	64563	10.64%	0.156%
441	18.368	18.333	18.391	VV	3708	76335	12.57%	0.184%
442	18.397	18.391	18.425	VV	1650	20989	3.46%	0.051%
443	18.430	18.425	18.440	VV	896	6378	1.05%	0.015%
444	18.445	18.440	18.449	VV	571	2411	0.40%	0.006%
445	18.473	18.449	18.489	VV	1448	21389	3.52%	0.052%
446	18.503	18.489	18.512	VV	1115	11898	1.96%	0.029%
447	18.526	18.512	18.538	VV	1283	16369	2.70%	0.039%
448	18.544	18.538	18.550	VV	868	5195	0.86%	0.013%
449	18.592	18.550	18.644	VV	2089	68934	11.36%	0.166%
450	18.720	18.644	18.745	VV	3118	63872	10.52%	0.154%
451	18.790	18.745	18.810	PV	1496	24041	3.96%	0.058%
452	18.837	18.810	18.879	VV	1121	29956	4.93%	0.072%
453	18.911	18.879	18.923	VV	1792	32748	5.39%	0.079%
454	18.928	18.923	18.934	VV	1305	7735	1.27%	0.019%
455	18.938	18.934	18.961	VV	1380	16930	2.79%	0.041%
456	18.982	18.961	19.002	VV	1749	33438	5.51%	0.081%

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457	19.014	19.002	19.033	VV	1339	19187	3.16%	0.046%
458	19.042	19.033	19.046	VV	1188	7320	1.21%	0.018%
459	19.062	19.046	19.093	VV	1308	29747	4.90%	0.072%
460	19.120	19.093	19.152	VV	4238	81306	13.39%	0.196%
461	19.160	19.152	19.165	VV	1029	7211	1.19%	0.017%
462	19.168	19.165	19.180	VV	949	7212	1.19%	0.017%
463	19.190	19.180	19.251	VV	1274	26169	4.31%	0.063%
464	19.299	19.251	19.311	VV	1905	34899	5.75%	0.084%
465	19.314	19.311	19.347	VV	1639	23925	3.94%	0.058%
466	19.364	19.347	19.373	VV	741	9772	1.61%	0.024%
467	19.383	19.373	19.395	VV	918	9049	1.49%	0.022%
468	19.400	19.395	19.405	VV	885	4779	0.79%	0.012%
469	19.421	19.405	19.437	VV	1144	17292	2.85%	0.042%
470	19.469	19.437	19.480	VV	1214	23241	3.83%	0.056%
471	19.507	19.480	19.561	VV	4198	129269	21.29%	0.312%
472	19.567	19.561	19.579	VV	1685	14795	2.44%	0.036%
473	19.600	19.579	19.626	VV	1819	42947	7.07%	0.104%
474	19.635	19.626	19.641	VV	1555	12897	2.12%	0.031%
475	19.649	19.641	19.656	VV	1629	12757	2.10%	0.031%
476	19.716	19.656	19.722	VV	2104	69663	11.48%	0.168%
477	19.725	19.722	19.730	VV	1930	8745	1.44%	0.021%
478	19.739	19.730	19.763	VV	2250	41178	6.78%	0.099%
479	19.780	19.763	19.790	VV	2550	34549	5.69%	0.083%
480	19.813	19.790	19.831	VV	2707	59999	9.88%	0.145%
481	19.840	19.831	19.855	VV	2429	31913	5.26%	0.077%
482	19.878	19.855	19.889	VV	3758	64081	10.56%	0.155%
483	19.905	19.889	19.915	VV	4008	58228	9.59%	0.140%
484	19.924	19.915	19.969	VV	3891	90226	14.86%	0.218%
485	20.008	19.969	20.021	VV	3230	82078	13.52%	0.198%
486	20.024	20.021	20.030	VV	3083	15499	2.55%	0.037%
487	20.058	20.030	20.062	VV	3292	56555	9.32%	0.136%
488	20.080	20.062	20.090	VV	3715	56912	9.38%	0.137%
489	20.098	20.090	20.102	VV	3760	28014	4.61%	0.068%
490	20.120	20.102	20.130	VV	3924	61816	10.18%	0.149%
491	20.147	20.130	20.152	VV	4070	51887	8.55%	0.125%
492	20.157	20.152	20.163	VV	4021	26375	4.34%	0.064%
493	20.168	20.163	20.178	VV	4046	35594	5.86%	0.086%
494	20.216	20.178	20.221	VV	4476	108161	17.82%	0.261%
495	20.248	20.221	20.268	VV	5363	137662	22.68%	0.332%
496	20.286	20.268	20.292	VV	5045	71693	11.81%	0.173%
497	20.297	20.292	20.305	VV	5061	36392	5.99%	0.088%
498	20.334	20.305	20.338	VV	5245	101404	16.70%	0.245%
499	20.355	20.338	20.368	VV	5372	93932	15.47%	0.226%
500	20.422	20.368	20.426	VV	6819	213618	35.19%	0.515%
501	20.434	20.426	20.456	VV	6725	117234	19.31%	0.283%
502	20.495	20.456	20.500	VV	7232	177489	29.24%	0.428%
503	20.515	20.500	20.525	VV	7402	104459	17.21%	0.252%
504	20.534	20.525	20.555	VV	7136	125800	20.72%	0.303%
505	20.599	20.555	20.613	VV	8007	252310	41.56%	0.608%
506	20.617	20.613	20.636	VV	7281	93445	15.39%	0.225%
507	20.646	20.636	20.653	VV	7230	74407	12.26%	0.179%
508	20.700	20.653	20.710	VV	8039	257680	42.45%	0.621%
509	20.728	20.710	20.733	VV	8281	115030	18.95%	0.277%

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510	20.736	20.733	20.747	VV	8190	67874	11.18%	0.164%
511	20.753	20.747	20.756	VV	8084	41795	6.88%	0.101%
512	20.802	20.756	20.817	VV	9229	318390	52.45%	0.768%
513	20.830	20.817	20.852	VV	9389	186586	30.74%	0.450%
514	20.860	20.852	20.865	VV	8734	68278	11.25%	0.165%
515	20.877	20.865	20.884	VV	8727	96832	15.95%	0.233%
516	20.892	20.884	20.915	VV	8912	160056	26.37%	0.386%
517	20.925	20.915	20.936	VV	8577	106769	17.59%	0.257%
518	20.960	20.936	20.999	VV	8538	301314	49.64%	0.727%
519	21.017	20.999	21.042	VV	7639	196283	32.33%	0.473%
520	21.050	21.042	21.071	VV	7454	125824	20.73%	0.303%
521	21.076	21.071	21.083	VV	6965	48168	7.93%	0.116%
522	21.088	21.083	21.104	VV	6750	85136	14.02%	0.205%
523	21.130	21.104	21.134	VV	6712	117504	19.36%	0.283%
524	21.145	21.134	21.160	VV	6756	101143	16.66%	0.244%
525	21.164	21.160	21.189	VV	6692	114628	18.88%	0.276%
526	21.194	21.189	21.214	VV	6189	88585	14.59%	0.214%
527	21.221	21.214	21.242	VV	5820	93129	15.34%	0.225%
528	21.253	21.242	21.282	VV	5496	127048	20.93%	0.306%
529	21.302	21.282	21.321	VV	5360	118913	19.59%	0.287%
530	21.329	21.321	21.341	VV	5182	62473	10.29%	0.151%
531	21.364	21.341	21.401	VV	5245	177429	29.23%	0.428%
532	21.404	21.401	21.428	VV	4608	70039	11.54%	0.169%
533	21.437	21.428	21.453	VV	4373	63635	10.48%	0.153%
534	21.466	21.453	21.530	VV	4176	172764	28.46%	0.417%
535	21.537	21.530	21.545	VV	3391	30022	4.95%	0.072%
536	21.552	21.545	21.559	VV	3445	29692	4.89%	0.072%
537	21.563	21.559	21.568	VV	3353	16888	2.78%	0.041%
538	21.579	21.568	21.585	VV	3280	34046	5.61%	0.082%
539	21.599	21.585	21.611	VV	3366	48716	8.03%	0.117%
540	21.618	21.611	21.623	VV	3072	21533	3.55%	0.052%
541	21.626	21.623	21.651	VV	2833	46481	7.66%	0.112%
542	21.655	21.651	21.661	VV	2642	15583	2.57%	0.038%
543	21.677	21.661	21.706	VV	2703	67182	11.07%	0.162%
544	21.710	21.706	21.728	VV	2416	28102	4.63%	0.068%
545	21.732	21.728	21.738	VV	2075	11829	1.95%	0.029%
546	21.756	21.738	21.766	VV	2034	33632	5.54%	0.081%
547	21.782	21.766	21.786	VV	1994	22458	3.70%	0.054%
548	21.795	21.786	21.800	VV	2113	17095	2.82%	0.041%
549	21.813	21.800	21.913	VV	2151	87185	14.36%	0.210%
550	21.920	21.913	21.929	VV	353	2505	0.41%	0.006%
551	21.938	21.929	21.951	VBA	274	17378	2.86%	0.042%
					Sum of corrected areas:		41473535	