

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040722\
 Data File : FF010290.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2022 18:24
 Sample : N2301-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.007	1.998	2.024	BV	6786	76745	0.56%	0.008%
2	2.054	2.024	2.069	VV	7326	157208	1.14%	0.017%
3	2.080	2.069	2.102	VV	9345	125409	0.91%	0.014%
4	2.111	2.102	2.124	VV	4757	61236	0.44%	0.007%
5	2.139	2.124	2.154	VV	4590	78531	0.57%	0.009%
6	2.171	2.154	2.193	VV	4571	95271	0.69%	0.011%
7	2.218	2.193	2.247	VV	4472	124426	0.90%	0.014%
8	2.279	2.247	2.304	VV	8448	165996	1.20%	0.018%
9	2.323	2.304	2.344	VV	3744	85796	0.62%	0.009%
10	2.350	2.344	2.365	VV	3467	42490	0.31%	0.005%
11	2.407	2.365	2.423	VV	4479	131377	0.95%	0.015%
12	2.443	2.423	2.473	VV	7501	160597	1.17%	0.018%
13	2.481	2.473	2.491	VV	4548	46551	0.34%	0.005%
14	2.509	2.491	2.529	VV	5485	114077	0.83%	0.013%
15	2.549	2.529	2.590	VV	11261	265104	1.92%	0.029%
16	2.603	2.590	2.623	VV	7505	128481	0.93%	0.014%
17	2.634	2.623	2.663	VV	6312	140429	1.02%	0.016%
18	2.671	2.663	2.679	VV	5287	51656	0.37%	0.006%
19	2.698	2.679	2.713	VV	5410	104688	0.76%	0.012%
20	2.734	2.713	2.749	VV	8978	136266	0.99%	0.015%
21	2.756	2.749	2.793	VV	5318	114847	0.83%	0.013%
22	2.824	2.793	2.855	VV	12717	250061	1.81%	0.028%
23	2.868	2.855	2.873	VV	3802	39186	0.28%	0.004%
24	2.886	2.873	2.904	VV	5096	81025	0.59%	0.009%
25	2.923	2.904	2.943	VV	4890	102198	0.74%	0.011%
26	2.950	2.943	2.966	VV	4439	57101	0.41%	0.006%
27	2.980	2.966	2.991	VV	5836	69692	0.51%	0.008%
28	3.004	2.991	3.034	VV	6612	123134	0.89%	0.014%
29	3.049	3.034	3.066	VV	7211	92950	0.67%	0.010%
30	3.078	3.066	3.098	VV	6726	90156	0.65%	0.010%
31	3.119	3.098	3.134	VV	3697	72546	0.53%	0.008%
32	3.141	3.134	3.164	VV	3183	48965	0.36%	0.005%
33	3.181	3.164	3.221	VV	3447	89606	0.65%	0.010%
34	3.238	3.221	3.253	VV	2510	45355	0.33%	0.005%
35	3.258	3.253	3.279	VV	2226	32521	0.24%	0.004%
36	3.297	3.279	3.327	VV	10627	133486	0.97%	0.015%

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37	3.337	3.327	3.350	VV	2595	34230	0.25%	0.004%
38	3.357	3.350	3.370	VV	2364	27312	0.20%	0.003%
39	3.377	3.370	3.382	VV	2357	16864	0.12%	0.002%
40	3.398	3.382	3.408	VV	3160	43877	0.32%	0.005%
41	3.422	3.408	3.435	VV	3115	45621	0.33%	0.005%
42	3.458	3.435	3.472	VV	3195	65448	0.47%	0.007%
43	3.490	3.472	3.530	VV	5083	117350	0.85%	0.013%
44	3.568	3.530	3.580	VV	3896	91285	0.66%	0.010%
45	3.589	3.580	3.607	VV	3719	50439	0.37%	0.006%
46	3.619	3.607	3.648	VV	2660	55618	0.40%	0.006%
47	3.668	3.648	3.687	VV	5171	79749	0.58%	0.009%
48	3.707	3.687	3.726	VV	5290	76138	0.55%	0.008%
49	3.744	3.726	3.773	VV	3105	67271	0.49%	0.007%
50	3.791	3.773	3.802	VV	6920	73765	0.54%	0.008%
51	3.811	3.802	3.828	VV	6111	63816	0.46%	0.007%
52	3.838	3.828	3.856	VV	2452	32844	0.24%	0.004%
53	3.881	3.856	3.929	VV	4887	127560	0.93%	0.014%
54	3.968	3.929	3.987	VV	6971	118194	0.86%	0.013%
55	3.992	3.987	4.002	VV	2973	25724	0.19%	0.003%
56	4.019	4.002	4.034	VV	5375	72802	0.53%	0.008%
57	4.045	4.034	4.055	VV	3265	37431	0.27%	0.004%
58	4.060	4.055	4.084	VV	2911	35750	0.26%	0.004%
59	4.108	4.084	4.113	VV	2074	30637	0.22%	0.003%
60	4.131	4.113	4.149	VV	8675	97148	0.70%	0.011%
61	4.163	4.149	4.185	VV	4377	66063	0.48%	0.007%
62	4.192	4.185	4.200	VV	2072	17468	0.13%	0.002%
63	4.206	4.200	4.219	VV	1892	19639	0.14%	0.002%
64	4.225	4.219	4.253	VV	1604	26245	0.19%	0.003%
65	4.285	4.253	4.302	VV	2185	48155	0.35%	0.005%
66	4.319	4.302	4.334	VV	2534	40328	0.29%	0.004%
67	4.340	4.334	4.347	VV	2068	15969	0.12%	0.002%
68	4.366	4.347	4.394	VV	15265	178423	1.29%	0.020%
69	4.409	4.394	4.424	VV	5103	59119	0.43%	0.007%
70	4.437	4.424	4.457	VV	3245	52467	0.38%	0.006%
71	4.468	4.457	4.500	VV	2896	53579	0.39%	0.006%
72	4.515	4.500	4.532	VV	4661	55483	0.40%	0.006%
73	4.539	4.532	4.555	VV	1718	20775	0.15%	0.002%
74	4.584	4.555	4.602	VV	1824	43319	0.31%	0.005%
75	4.620	4.602	4.634	VV	2894	37314	0.27%	0.004%
76	4.649	4.634	4.665	VV	2641	33079	0.24%	0.004%
77	4.676	4.665	4.682	VV	1161	11353	0.08%	0.001%
78	4.700	4.682	4.709	VV	3016	34057	0.25%	0.004%
79	4.719	4.709	4.730	VV	3166	32108	0.23%	0.004%
80	4.745	4.730	4.764	VV	4401	58882	0.43%	0.007%
81	4.784	4.764	4.805	VV	5351	75818	0.55%	0.008%
82	4.820	4.805	4.829	VV	2405	27343	0.20%	0.003%
83	4.837	4.829	4.855	VV	2137	24066	0.17%	0.003%
84	4.863	4.855	4.877	VV	884	10362	0.08%	0.001%
85	4.894	4.877	4.904	VV	2068	22401	0.16%	0.002%
86	4.916	4.904	4.944	VV	3488	46065	0.33%	0.005%
87	4.975	4.944	4.987	VV	1604	31025	0.23%	0.003%
88	5.005	4.987	5.032	VV	5189	72364	0.53%	0.008%
89	5.046	5.032	5.070	VV	1977	33086	0.24%	0.004%

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90	5.085	5.070	5.096	VV	4115	39614	0.29%	0.004%
91	5.106	5.096	5.129	VV	2816	32897	0.24%	0.004%
92	5.137	5.129	5.156	VV	681	6387	0.05%	0.001%
93	5.171	5.156	5.183	VV	285	2823	0.02%	0.000%
94	5.221	5.183	5.248	PV	3982	51969	0.38%	0.006%
95	5.278	5.248	5.282	VV	2075	29242	0.21%	0.003%
96	5.291	5.282	5.309	VV	2054	23133	0.17%	0.003%
97	5.326	5.309	5.347	VV	942	16823	0.12%	0.002%
98	5.352	5.347	5.359	VV	832	5603	0.04%	0.001%
99	5.370	5.359	5.382	VV	859	9961	0.07%	0.001%
100	5.402	5.382	5.422	VV	22279	223231	1.62%	0.025%
101	5.436	5.422	5.454	VV	2709	38932	0.28%	0.004%
102	5.470	5.454	5.484	VV	2651	32315	0.23%	0.004%
103	5.511	5.484	5.537	VV	2933	62801	0.46%	0.007%
104	5.542	5.537	5.549	VV	1478	10683	0.08%	0.001%
105	5.587	5.549	5.608	VV	4406	105429	0.76%	0.012%
106	5.618	5.608	5.647	VV	2070	38695	0.28%	0.004%
107	5.663	5.647	5.673	VV	2938	33584	0.24%	0.004%
108	5.687	5.673	5.694	VV	3322	34821	0.25%	0.004%
109	5.702	5.694	5.725	VV	3545	43807	0.32%	0.005%
110	5.739	5.725	5.756	VV	3522	36550	0.27%	0.004%
111	5.776	5.756	5.805	VV	4142	64046	0.46%	0.007%
112	5.823	5.805	5.841	VV	2033	32564	0.24%	0.004%
113	5.856	5.841	5.878	VV	1662	22068	0.16%	0.002%
114	5.910	5.878	5.932	VV	3490	56651	0.41%	0.006%
115	5.953	5.932	5.973	VV	14427	158225	1.15%	0.018%
116	5.982	5.973	5.993	VV	2591	27310	0.20%	0.003%
117	5.999	5.993	6.026	VV	2418	27553	0.20%	0.003%
118	6.043	6.026	6.071	VV	3009	38001	0.28%	0.004%
119	6.101	6.071	6.122	VV	4821	70610	0.51%	0.008%
120	6.140	6.122	6.157	VV	1461	21292	0.15%	0.002%
121	6.172	6.157	6.182	VV	1184	12362	0.09%	0.001%
122	6.193	6.182	6.206	VV	1165	13436	0.10%	0.001%
123	6.227	6.206	6.247	VV	4846	56641	0.41%	0.006%
124	6.266	6.247	6.292	VV	2275	33987	0.25%	0.004%
125	6.309	6.292	6.329	VV	1651	23755	0.17%	0.003%
126	6.339	6.329	6.356	VV	945	8427	0.06%	0.001%
127	6.384	6.356	6.433	VV	31942	331708	2.41%	0.037%
128	6.476	6.433	6.490	PV	2423	34106	0.25%	0.004%
129	6.500	6.490	6.504	VV	1217	8947	0.06%	0.001%
130	6.533	6.504	6.554	VV	8851	114695	0.83%	0.013%
131	6.577	6.554	6.597	VV	2989	52558	0.38%	0.006%
132	6.603	6.597	6.625	VV	963	7755	0.06%	0.001%
133	6.660	6.625	6.681	PV	1981	28762	0.21%	0.003%
134	6.704	6.681	6.734	VV	4452	80015	0.58%	0.009%
135	6.742	6.734	6.754	VV	1624	16652	0.12%	0.002%
136	6.786	6.754	6.808	VV	3400	65915	0.48%	0.007%
137	6.815	6.808	6.824	VV	1043	9139	0.07%	0.001%
138	6.860	6.824	6.870	VV	5690	82379	0.60%	0.009%
139	6.883	6.870	6.895	VV	6533	78625	0.57%	0.009%
140	6.905	6.895	6.925	VV	4886	80197	0.58%	0.009%
141	6.943	6.925	6.970	VV	6844	106923	0.78%	0.012%

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142	7.008	6.970	7.029	VV	17342	233474	1.69%	0.026%
143	7.045	7.029	7.067	VV	4605	65242	0.47%	0.007%
144	7.086	7.067	7.126	VV	14572	208782	1.51%	0.023%
145	7.143	7.126	7.166	VV	10402	116892	0.85%	0.013%
146	7.182	7.166	7.202	VV	4465	62531	0.45%	0.007%
147	7.215	7.202	7.246	VV	2152	35424	0.26%	0.004%
148	7.269	7.246	7.284	PV	2184	35458	0.26%	0.004%
149	7.308	7.284	7.342	VV	40190	517792	3.76%	0.057%
150	7.361	7.342	7.366	VV	1618	18152	0.13%	0.002%
151	7.396	7.366	7.413	VV	3358	65034	0.47%	0.007%
152	7.442	7.413	7.455	VV	3210	60365	0.44%	0.007%
153	7.481	7.455	7.509	VV	7894	126524	0.92%	0.014%
154	7.523	7.509	7.550	VV	1716	26344	0.19%	0.003%
155	7.567	7.550	7.582	PV	1866	20052	0.15%	0.002%
156	7.599	7.582	7.615	VV	4579	53731	0.39%	0.006%
157	7.621	7.615	7.627	VV	1916	13211	0.10%	0.001%
158	7.647	7.627	7.684	VV	5093	100884	0.73%	0.011%
159	7.691	7.684	7.707	VV	1406	12681	0.09%	0.001%
160	7.732	7.707	7.754	VV	8772	146937	1.07%	0.016%
161	7.765	7.754	7.778	VV	6132	72585	0.53%	0.008%
162	7.787	7.778	7.808	VV	5039	50956	0.37%	0.006%
163	7.831	7.808	7.848	PV	5577	67539	0.49%	0.007%
164	7.878	7.848	7.901	VV	8263	167517	1.22%	0.019%
165	7.926	7.901	7.950	VV	8672	159774	1.16%	0.018%
166	7.955	7.950	7.963	VV	1796	12822	0.09%	0.001%
167	8.001	7.963	8.040	VV	40292	614967	4.46%	0.068%
168	8.071	8.040	8.089	VV	7999	162564	1.18%	0.018%
169	8.107	8.089	8.120	VV	12270	149198	1.08%	0.017%
170	8.134	8.120	8.151	VV	13929	152495	1.11%	0.017%
171	8.180	8.151	8.208	VV	49474	597004	4.33%	0.066%
172	8.226	8.208	8.244	VV	7375	95519	0.69%	0.011%
173	8.289	8.244	8.316	VV	9884	245401	1.78%	0.027%
174	8.343	8.316	8.366	VV	25215	352483	2.56%	0.039%
175	8.377	8.366	8.411	VV	5270	83957	0.61%	0.009%
176	8.453	8.411	8.492	VV	5861	176274	1.28%	0.020%
177	8.511	8.492	8.521	PV	2172	22253	0.16%	0.002%
178	8.541	8.521	8.547	VV	7501	81459	0.59%	0.009%
179	8.572	8.547	8.591	VV	10119	205588	1.49%	0.023%
180	8.603	8.591	8.615	VV	6542	77701	0.56%	0.009%
181	8.637	8.615	8.657	VV	22574	305840	2.22%	0.034%
182	8.675	8.657	8.685	VV	10851	141857	1.03%	0.016%
183	8.717	8.685	8.740	VV	55748	823248	5.97%	0.091%
184	8.768	8.740	8.782	VV	6573	105209	0.76%	0.012%
185	8.800	8.782	8.812	VV	7515	98170	0.71%	0.011%
186	8.826	8.812	8.846	VV	9470	143102	1.04%	0.016%
187	8.862	8.846	8.891	VV	10112	145589	1.06%	0.016%
188	8.923	8.891	8.936	VV	8170	147586	1.07%	0.016%
189	8.946	8.936	8.964	VV	9038	115582	0.84%	0.013%
190	9.002	8.964	9.023	VV	49813	638597	4.63%	0.071%
191	9.037	9.023	9.055	VV	8954	105111	0.76%	0.012%
192	9.088	9.055	9.113	VV	7436	123789	0.90%	0.014%
193	9.152	9.113	9.170	VV	6723	110687	0.80%	0.012%
194	9.183	9.170	9.196	VV	7987	83084	0.60%	0.009%

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195	9.208	9.196	9.225	VV	5011	67076	0.49%	0.007%
196	9.238	9.225	9.251	VV	3966	45266	0.33%	0.005%
197	9.267	9.251	9.272	VV	3182	34052	0.25%	0.004%
198	9.291	9.272	9.306	VV	10030	142782	1.04%	0.016%
199	9.312	9.306	9.322	VV	8646	73347	0.53%	0.008%
200	9.335	9.322	9.351	VV	11552	140211	1.02%	0.016%
201	9.376	9.351	9.382	VV	20908	237296	1.72%	0.026%
202	9.394	9.382	9.428	VV	22390	351612	2.55%	0.039%
203	9.455	9.428	9.492	VV	19160	463242	3.36%	0.051%
204	9.511	9.492	9.521	VV	9516	133607	0.97%	0.015%
205	9.541	9.521	9.589	VV	17678	474916	3.45%	0.053%
206	9.605	9.589	9.644	VV	9958	246163	1.79%	0.027%
207	9.665	9.644	9.677	VV	6934	124823	0.91%	0.014%
208	9.696	9.677	9.705	VV	10197	143920	1.04%	0.016%
209	9.721	9.705	9.727	VV	15376	168915	1.23%	0.019%
210	9.741	9.727	9.762	VV	15680	287056	2.08%	0.032%
211	9.783	9.762	9.829	VV	54540	1040413	7.55%	0.115%
212	9.886	9.829	9.926	VV	15533	688516	5.00%	0.076%
213	9.960	9.926	9.965	VV	12723	263551	1.91%	0.029%
214	9.991	9.965	10.036	VV	18199	618986	4.49%	0.068%
215	10.058	10.036	10.072	VV	15905	307042	2.23%	0.034%
216	10.087	10.072	10.097	VV	16250	223931	1.62%	0.025%
217	10.130	10.097	10.143	VV	22899	528669	3.84%	0.059%
218	10.171	10.143	10.197	VV	71078	1329168	9.64%	0.147%
219	10.221	10.197	10.237	VV	29393	615949	4.47%	0.068%
220	10.258	10.237	10.280	VV	30646	683101	4.96%	0.076%
221	10.296	10.280	10.303	VV	29201	357306	2.59%	0.040%
222	10.319	10.303	10.345	VV	32086	671632	4.87%	0.074%
223	10.369	10.345	10.382	VV	29056	582100	4.22%	0.064%
224	10.387	10.382	10.407	VV	27776	395941	2.87%	0.044%
225	10.425	10.407	10.440	VV	32570	587869	4.26%	0.065%
226	10.453	10.440	10.486	VV	32051	839627	6.09%	0.093%
227	10.524	10.486	10.558	VV	66520	1750002	12.70%	0.194%
228	10.596	10.558	10.627	VV	102209	2339926	16.98%	0.259%
229	10.655	10.627	10.667	VV	37080	857421	6.22%	0.095%
230	10.671	10.667	10.679	VV	34881	254139	1.84%	0.028%
231	10.699	10.679	10.710	VV	38339	678152	4.92%	0.075%
232	10.725	10.710	10.733	VV	38011	502372	3.64%	0.056%
233	10.743	10.733	10.755	VV	37982	477509	3.46%	0.053%
234	10.775	10.755	10.790	VV	54921	963068	6.99%	0.107%
235	10.811	10.790	10.827	VV	62167	1100996	7.99%	0.122%
236	10.850	10.827	10.887	VV	53390	1591595	11.55%	0.176%
237	10.917	10.887	10.936	VV	54758	1382933	10.03%	0.153%
238	10.940	10.936	10.981	VV	45388	1151194	8.35%	0.127%
239	10.996	10.981	11.001	VV	43884	498054	3.61%	0.055%
240	11.006	11.001	11.020	VV	43624	487599	3.54%	0.054%
241	11.034	11.020	11.047	VV	43821	675861	4.90%	0.075%
242	11.063	11.047	11.069	VV	46670	607218	4.41%	0.067%
243	11.077	11.069	11.082	VV	46440	338399	2.46%	0.037%
244	11.087	11.082	11.107	VV	46033	646959	4.69%	0.072%
245	11.134	11.107	11.146	VV	46517	1058144	7.68%	0.117%
246	11.158	11.146	11.172	VV	46816	722504	5.24%	0.080%

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247	11.199	11.172	11.207	VV	50744	976688	7.09%	0.108%
248	11.226	11.207	11.244	VV	77351	1370234	9.94%	0.152%
249	11.257	11.244	11.283	VV	56344	1227060	8.90%	0.136%
250	11.317	11.283	11.354	VV	93423	2743477	19.90%	0.304%
251	11.375	11.354	11.382	VV	50179	792673	5.75%	0.088%
252	11.385	11.382	11.400	VV	49603	520419	3.78%	0.058%
253	11.427	11.400	11.457	VV	54052	1664393	12.08%	0.184%
254	11.496	11.457	11.511	VV	59748	1665902	12.09%	0.184%
255	11.516	11.511	11.563	VV	56120	1631815	11.84%	0.181%
256	11.581	11.563	11.590	VV	52361	827006	6.00%	0.092%
257	11.594	11.590	11.597	VV	51466	216075	1.57%	0.024%
258	11.612	11.597	11.663	VV	60938	2108850	15.30%	0.233%
259	11.680	11.663	11.704	VV	53262	1240406	9.00%	0.137%
260	11.728	11.704	11.745	VV	57268	1302071	9.45%	0.144%
261	11.760	11.745	11.774	VV	58803	954535	6.93%	0.106%
262	11.782	11.774	11.815	VV	55365	1248170	9.06%	0.138%
263	11.840	11.815	11.847	VV	52997	960749	6.97%	0.106%
264	11.851	11.847	11.859	VV	53282	393554	2.86%	0.044%
265	11.898	11.859	11.929	VV	94300	2825115	20.50%	0.313%
266	11.948	11.929	11.965	VV	59394	1198625	8.70%	0.133%
267	11.974	11.965	11.982	VV	53468	519769	3.77%	0.058%
268	12.031	11.982	12.064	VV	246921	6555051	47.56%	0.725%
269	12.080	12.064	12.104	VV	142559	2293185	16.64%	0.254%
270	12.116	12.104	12.140	VV	58831	1197122	8.69%	0.132%
271	12.171	12.140	12.202	VV	166103	3369238	24.44%	0.373%
272	12.211	12.202	12.224	VV	58917	755468	5.48%	0.084%
273	12.233	12.224	12.250	VV	55833	837746	6.08%	0.093%
274	12.265	12.250	12.281	VV	56051	1014122	7.36%	0.112%
275	12.315	12.281	12.347	VV	61441	2197643	15.94%	0.243%
276	12.370	12.347	12.381	VV	54543	1034865	7.51%	0.115%
277	12.396	12.381	12.427	VV	55870	1444015	10.48%	0.160%
278	12.454	12.427	12.459	VV	58813	1032906	7.49%	0.114%
279	12.463	12.459	12.470	VV	58025	379174	2.75%	0.042%
280	12.486	12.470	12.502	VV	59527	1104240	8.01%	0.122%
281	12.541	12.502	12.579	VV	170576	3882736	28.17%	0.430%
282	12.601	12.579	12.641	VV	71515	2075585	15.06%	0.230%
283	12.649	12.641	12.653	VV	51656	383597	2.78%	0.042%
284	12.670	12.653	12.681	VV	52409	831712	6.03%	0.092%
285	12.693	12.681	12.718	VV	56900	1184995	8.60%	0.131%
286	12.723	12.718	12.726	VV	49560	232398	1.69%	0.026%
287	12.750	12.726	12.775	VV	52788	1456230	10.56%	0.161%
288	12.798	12.775	12.822	VV	57022	1549166	11.24%	0.171%
289	12.835	12.822	12.839	VV	52744	517659	3.76%	0.057%
290	12.847	12.839	12.853	VV	52300	428168	3.11%	0.047%
291	12.859	12.853	12.872	VV	51292	575585	4.18%	0.064%
292	12.899	12.872	12.926	VV	71098	1849180	13.42%	0.205%
293	12.932	12.926	12.940	VV	52540	444143	3.22%	0.049%
294	12.945	12.940	12.957	VV	54017	560991	4.07%	0.062%
295	12.961	12.957	12.979	VV	54207	659436	4.78%	0.073%
296	12.989	12.979	13.011	VV	51268	944832	6.85%	0.105%
297	13.038	13.011	13.045	VV	56741	1104033	8.01%	0.122%
298	13.050	13.045	13.065	VV	56498	660051	4.79%	0.073%
299	13.092	13.065	13.116	VV	60528	1710928	12.41%	0.189%

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300	13.155	13.116	13.186	VV	268338	4958628	35.97%	0.549%
301	13.201	13.186	13.214	VV	62939	1003395	7.28%	0.111%
302	13.240	13.214	13.250	VV	65549	1330320	9.65%	0.147%
303	13.253	13.250	13.280	VV	65421	1084961	7.87%	0.120%
304	13.288	13.280	13.295	VV	57909	511339	3.71%	0.057%
305	13.299	13.295	13.305	VV	57934	340541	2.47%	0.038%
306	13.323	13.305	13.348	VV	65464	1526336	11.07%	0.169%
307	13.395	13.348	13.410	VV	67775	2266287	16.44%	0.251%
308	13.426	13.410	13.450	VV	64951	1496583	10.86%	0.166%
309	13.466	13.450	13.479	VV	68204	1118053	8.11%	0.124%
310	13.483	13.479	13.489	VV	65378	406727	2.95%	0.045%
311	13.492	13.489	13.512	VV	66495	863635	6.27%	0.096%
312	13.538	13.512	13.547	VV	64889	1313135	9.53%	0.145%
313	13.552	13.547	13.557	VV	62302	336053	2.44%	0.037%
314	13.590	13.557	13.597	VV	65930	1550895	11.25%	0.172%
315	13.601	13.597	13.609	VV	64931	445302	3.23%	0.049%
316	13.617	13.609	13.622	VV	64528	481393	3.49%	0.053%
317	13.640	13.622	13.660	VV	75685	1583753	11.49%	0.175%
318	13.666	13.660	13.670	VV	64729	396934	2.88%	0.044%
319	13.677	13.670	13.683	VV	64588	481576	3.49%	0.053%
320	13.694	13.683	13.710	VV	69852	1092662	7.93%	0.121%
321	13.743	13.710	13.784	VV	341338	6461903	46.88%	0.715%
322	13.799	13.784	13.822	VV	73713	1611732	11.69%	0.178%
323	13.835	13.822	13.839	VV	67755	677996	4.92%	0.075%
324	13.844	13.839	13.852	VV	67800	525364	3.81%	0.058%
325	13.856	13.852	13.864	VV	66037	448297	3.25%	0.050%
326	13.892	13.864	13.899	VV	70898	1447804	10.50%	0.160%
327	13.902	13.899	13.914	VV	69535	608630	4.42%	0.067%
328	13.926	13.914	13.932	VV	68172	695789	5.05%	0.077%
329	13.936	13.932	13.941	VV	68964	372374	2.70%	0.041%
330	13.959	13.941	13.998	VV	86699	2617557	18.99%	0.290%
331	14.007	13.998	14.024	VV	70423	1063152	7.71%	0.118%
332	14.039	14.024	14.045	VV	71375	867550	6.29%	0.096%
333	14.060	14.045	14.082	VV	74118	1600593	11.61%	0.177%
334	14.104	14.082	14.123	VV	80925	1865095	13.53%	0.206%
335	14.128	14.123	14.138	VV	75983	679472	4.93%	0.075%
336	14.158	14.138	14.182	VV	80558	1997015	14.49%	0.221%
337	14.202	14.182	14.218	VV	84729	1758597	12.76%	0.195%
338	14.227	14.218	14.239	VV	83288	1039431	7.54%	0.115%
339	14.248	14.239	14.271	VV	82402	1488155	10.80%	0.165%
340	14.307	14.271	14.360	VV	312885	7043592	51.10%	0.779%
341	14.370	14.360	14.387	VV	80880	1258063	9.13%	0.139%
342	14.404	14.387	14.409	VV	87924	1130491	8.20%	0.125%
343	14.423	14.409	14.427	VV	89937	963923	6.99%	0.107%
344	14.431	14.427	14.460	VV	88790	1622302	11.77%	0.180%
345	14.476	14.460	14.494	VV	86014	1673680	12.14%	0.185%
346	14.506	14.494	14.513	VV	81861	885190	6.42%	0.098%
347	14.532	14.513	14.538	VV	83686	1258257	9.13%	0.139%
348	14.557	14.538	14.577	VV	92164	2052350	14.89%	0.227%
349	14.592	14.577	14.606	VV	88518	1468550	10.65%	0.163%
350	14.610	14.606	14.615	VV	82991	432881	3.14%	0.048%
351	14.645	14.615	14.682	VV	253649	5702990	41.38%	0.631%

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352	14.702	14.682	14.717	VV	92835	1881727	13.65%	0.208%
353	14.729	14.717	14.733	VV	92273	864808	6.27%	0.096%
354	14.739	14.733	14.751	VV	92368	935297	6.79%	0.104%
355	14.762	14.751	14.768	VV	91642	948539	6.88%	0.105%
356	14.785	14.768	14.805	VV	112706	2199518	15.96%	0.243%
357	14.849	14.805	14.886	VV	263209	6865409	49.81%	0.760%
358	14.896	14.886	14.912	VV	98650	1477259	10.72%	0.163%
359	14.919	14.912	14.923	VV	93319	586303	4.25%	0.065%
360	14.943	14.923	14.958	VV	98560	1991856	14.45%	0.220%
361	14.986	14.958	15.007	VV	104413	2821969	20.47%	0.312%
362	15.021	15.007	15.034	VV	95805	1487443	10.79%	0.165%
363	15.041	15.034	15.049	VV	96808	865868	6.28%	0.096%
364	15.095	15.049	15.130	VV	110000	4771516	34.62%	0.528%
365	15.160	15.130	15.170	VV	101530	2317058	16.81%	0.256%
366	15.180	15.170	15.202	VV	110254	2041879	14.81%	0.226%
367	15.231	15.202	15.255	VV	141323	3725230	27.03%	0.412%
368	15.259	15.255	15.266	VV	101887	653028	4.74%	0.072%
369	15.279	15.266	15.288	VV	106296	1400925	10.16%	0.155%
370	15.293	15.288	15.312	VV	105027	1435908	10.42%	0.159%
371	15.333	15.312	15.340	VV	105296	1740950	12.63%	0.193%
372	15.370	15.340	15.401	VV	225923	5347211	38.79%	0.592%
373	15.465	15.401	15.486	VV	162284	6219611	45.12%	0.688%
374	15.500	15.486	15.535	VV	137211	3506655	25.44%	0.388%
375	15.562	15.535	15.569	VV	120883	2313359	16.78%	0.256%
376	15.594	15.569	15.611	VV	132119	3153408	22.88%	0.349%
377	15.627	15.611	15.662	VV	141775	3984662	28.91%	0.441%
378	15.696	15.662	15.717	VV	144415	4330510	31.42%	0.479%
379	15.722	15.717	15.726	VV	124555	678092	4.92%	0.075%
380	15.760	15.726	15.783	VV	142987	4563142	33.11%	0.505%
381	15.789	15.783	15.793	VV	130237	782351	5.68%	0.087%
382	15.824	15.793	15.835	VV	136696	3356492	24.35%	0.371%
383	15.873	15.835	15.913	VV	219225	7542109	54.72%	0.835%
384	15.931	15.913	15.937	VV	140074	2007900	14.57%	0.222%
385	15.971	15.937	15.980	VV	149793	3727203	27.04%	0.412%
386	15.984	15.980	15.988	VV	145673	713338	5.18%	0.079%
387	16.009	15.988	16.014	VV	144495	2212673	16.05%	0.245%
388	16.079	16.014	16.102	VV	189847	8782730	63.72%	0.972%
389	16.105	16.102	16.121	VV	167552	1764730	12.80%	0.195%
390	16.164	16.121	16.169	VV	182812	4818153	34.96%	0.533%
391	16.172	16.169	16.193	VV	182395	2532964	18.38%	0.280%
392	16.232	16.193	16.250	VV	192495	6210785	45.06%	0.687%
393	16.270	16.250	16.298	VV	194401	5258521	38.15%	0.582%
394	16.327	16.298	16.334	VV	187877	3786708	27.47%	0.419%
395	16.356	16.334	16.402	VV	265070	8342987	60.53%	0.923%
396	16.417	16.402	16.422	VV	177383	2128266	15.44%	0.236%
397	16.498	16.422	16.504	VV	206871	9425695	68.38%	1.043%
398	16.514	16.504	16.539	VV	205860	4160768	30.19%	0.460%
399	16.543	16.539	16.547	VV	197696	909898	6.60%	0.101%
400	16.583	16.547	16.601	VV	215151	6723275	48.78%	0.744%
401	16.604	16.601	16.609	VV	206071	1021374	7.41%	0.113%
402	16.641	16.609	16.658	VV	225708	6372736	46.23%	0.705%
403	16.680	16.658	16.717	VV	280105	8632326	62.63%	0.955%
404	16.735	16.717	16.762	VV	247358	6268548	45.48%	0.694%

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405	16.830	16.762	16.840	VV	296852	11600184	84.16%	1.284%	
406	16.852	16.840	16.897	VV	282413	8778945	63.69%	0.972%	
407	16.949	16.897	16.961	VV	260686	9659905	70.08%	1.069%	
408	16.971	16.961	16.985	VV	260956	3571279	25.91%	0.395%	
409	17.026	16.985	17.032	VV	276502	7538338	54.69%	0.834%	
410	17.072	17.032	17.102	VV	295849	11720069	85.03%	1.297%	
411	17.118	17.102	17.147	VV	277613	7345869	53.29%	0.813%	
412	17.168	17.147	17.185	VV	282939	6286976	45.61%	0.696%	
413	17.247	17.185	17.256	VV	337192	12461948	90.41%	1.379%	
414	17.274	17.256	17.298	VV	351597	8146206	59.10%	0.901%	
415	17.304	17.298	17.308	VV	277152	1651651	11.98%	0.183%	
416	17.330	17.308	17.347	VV	291715	6758332	49.03%	0.748%	
417	17.354	17.347	17.373	VV	292960	4349123	31.55%	0.481%	
418	17.405	17.373	17.427	VV	317917	9629887	69.86%	1.066%	
419	17.452	17.427	17.474	VV	290574	7975677	57.86%	0.883%	
420	17.485	17.474	17.516	VV	284271	6882748	49.93%	0.762%	
421	17.522	17.516	17.528	VV	276713	2063424	14.97%	0.228%	
422	17.569	17.528	17.579	VV	291526	8578115	62.23%	0.949%	
423	17.583	17.579	17.597	VV	287212	3099254	22.49%	0.343%	
424	17.622	17.597	17.650	VV	322312	9407472	68.25%	1.041%	
425	17.654	17.650	17.675	VV	292743	4334387	31.45%	0.480%	
426	17.716	17.675	17.750	VV	341439	13783579	100.00%	1.525%	
427	17.762	17.750	17.766	VV	287115	2802710	20.33%	0.310%	
428	17.799	17.766	17.829	VV	308298	11030309	80.02%	1.221%	
429	17.848	17.829	17.854	VV	299358	4345695	31.53%	0.481%	
430	17.874	17.854	17.887	VV	309789	5919978	42.95%	0.655%	
431	17.890	17.887	17.905	VV	309974	3309310	24.01%	0.366%	
432	17.909	17.905	17.937	VV	305351	5554977	40.30%	0.615%	
433	17.969	17.937	18.001	VV	296205	10843479	78.67%	1.200%	
434	18.030	18.001	18.044	VV	285432	7254430	52.63%	0.803%	
435	18.075	18.044	18.124	VV	292838	13577640	98.51%	1.503%	
436	18.128	18.124	18.152	VV	279006	4570214	33.16%	0.506%	
437	18.158	18.152	18.184	VV	274737	5081607	36.87%	0.562%	
438	18.200	18.184	18.212	VV	265732	4431064	32.15%	0.490%	
439	18.237	18.212	18.262	VV	303959	8362431	60.67%	0.925%	
440	18.285	18.262	18.325	VV	291430	10143893	73.59%	1.123%	
441	18.329	18.325	18.338	VV	245679	1941920	14.09%	0.215%	
442	18.342	18.338	18.345	VV	245707	1029181	7.47%	0.114%	
443	18.377	18.345	18.415	VV	294087	10880312	78.94%	1.204%	
444	18.421	18.415	18.428	VV	244752	1828223	13.26%	0.202%	
445	18.431	18.428	18.445	VV	240519	2490749	18.07%	0.276%	
446	18.452	18.445	18.464	VV	235223	2697687	19.57%	0.299%	
447	18.474	18.464	18.478	VV	236551	1997400	14.49%	0.221%	
448	18.485	18.478	18.502	VV	237558	3371437	24.46%	0.373%	
449	18.519	18.502	18.529	VV	234342	3680971	26.71%	0.407%	
450	18.545	18.529	18.568	VV	234713	5208897	37.79%	0.576%	
451	18.572	18.568	18.576	VV	213178	1017983	7.39%	0.113%	
452	18.582	18.576	18.586	VV	213549	1302791	9.45%	0.144%	
453	18.597	18.586	18.624	VV	220099	4930105	35.77%	0.546%	
454	18.629	18.624	18.636	VV	214495	1454126	10.55%	0.161%	
455	18.655	18.636	18.659	VV	224301	3090249	22.42%	0.342%	
456	18.665	18.659	18.673	VV	225929	1895329	13.75%	0.210%	

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457	18.685	18.673	18.691	VV	225170	2330303	16.91%	0.258%
458	18.705	18.691	18.743	VV	232477	6792306	49.28%	0.752%
459	18.747	18.743	18.756	VV	206711	1589220	11.53%	0.176%
460	18.762	18.756	18.767	VV	202545	1299577	9.43%	0.144%
461	18.807	18.767	18.827	VV	230932	7623267	55.31%	0.844%
462	18.837	18.827	18.855	VV	213020	3491352	25.33%	0.386%
463	18.891	18.855	18.922	VV	222153	8412548	61.03%	0.931%
464	18.941	18.922	18.955	VV	191848	3627470	26.32%	0.401%
465	18.961	18.955	18.976	VV	184628	2259706	16.39%	0.250%
466	18.983	18.976	18.988	VV	181274	1340370	9.72%	0.148%
467	18.994	18.988	19.027	VV	180718	3964746	28.76%	0.439%
468	19.054	19.027	19.070	VV	190357	4663481	33.83%	0.516%
469	19.078	19.070	19.100	VV	177457	3085256	22.38%	0.341%
470	19.104	19.100	19.111	VV	161838	1047426	7.60%	0.116%
471	19.116	19.111	19.123	VV	162736	1139994	8.27%	0.126%
472	19.134	19.123	19.137	VV	158325	1365047	9.90%	0.151%
473	19.144	19.137	19.152	VV	160830	1343856	9.75%	0.149%
474	19.160	19.152	19.168	VV	163758	1602343	11.63%	0.177%
475	19.171	19.168	19.192	VV	160727	2282094	16.56%	0.253%
476	19.219	19.192	19.226	VV	158419	3092835	22.44%	0.342%
477	19.229	19.226	19.237	VV	156884	1006926	7.31%	0.111%
478	19.239	19.237	19.251	VV	155181	1285885	9.33%	0.142%
479	19.268	19.251	19.274	VV	157139	2115894	15.35%	0.234%
480	19.280	19.274	19.287	VV	155214	1210635	8.78%	0.134%
481	19.300	19.287	19.303	VV	158058	1535896	11.14%	0.170%
482	19.329	19.303	19.349	VV	174788	4608465	33.43%	0.510%
483	19.357	19.349	19.386	VV	167443	3561570	25.84%	0.394%
484	19.397	19.386	19.423	VV	160901	3407689	24.72%	0.377%
485	19.430	19.423	19.444	VV	148265	1804652	13.09%	0.200%
486	19.461	19.444	19.482	VV	153218	3304438	23.97%	0.366%
487	19.490	19.482	19.503	VV	135394	1656776	12.02%	0.183%
488	19.524	19.503	19.531	VV	146559	2325362	16.87%	0.257%
489	19.541	19.531	19.549	VV	147307	1574788	11.43%	0.174%
490	19.553	19.549	19.561	VV	144655	1015676	7.37%	0.112%
491	19.567	19.561	19.572	VV	144214	930604	6.75%	0.103%
492	19.600	19.572	19.645	VV	167253	6633482	48.13%	0.734%
493	19.649	19.645	19.664	VV	144415	1624199	11.78%	0.180%
494	19.686	19.664	19.732	VV	148043	5852249	42.46%	0.648%
495	19.757	19.732	19.786	VV	173738	4844365	35.15%	0.536%
496	19.795	19.786	19.802	VV	138351	1322741	9.60%	0.146%
497	19.808	19.802	19.822	VV	137774	1611058	11.69%	0.178%
498	19.835	19.822	19.839	VV	134433	1315020	9.54%	0.146%
499	19.868	19.839	19.873	VV	140575	2811100	20.39%	0.311%
500	19.906	19.873	19.937	VV	162195	5598501	40.62%	0.620%
501	19.962	19.937	19.970	VV	149980	2813683	20.41%	0.311%
502	19.973	19.970	19.989	VV	146971	1699668	12.33%	0.188%
503	19.996	19.989	20.006	VV	144920	1431608	10.39%	0.158%
504	20.009	20.006	20.023	VV	142019	1450581	10.52%	0.161%
505	20.050	20.023	20.057	VV	145182	2860549	20.75%	0.317%
506	20.061	20.057	20.079	VV	145329	1944332	14.11%	0.215%
507	20.101	20.079	20.108	VV	149734	2512780	18.23%	0.278%
508	20.144	20.108	20.195	VV	155637	7617536	55.27%	0.843%
509	20.233	20.195	20.276	VV	145048	6579875	47.74%	0.728%

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510	20.285	20.276	20.297	VV	133669	1717294	12.46%	0.190%
511	20.326	20.297	20.337	VV	144300	3340806	24.24%	0.370%
512	20.374	20.337	20.379	VV	153940	3694170	26.80%	0.409%
513	20.386	20.379	20.407	VV	154672	2538294	18.42%	0.281%
514	20.411	20.407	20.477	VV	145285	5544665	40.23%	0.614%
515	20.482	20.477	20.510	VV	119160	2261756	16.41%	0.250%
516	20.516	20.510	20.522	VV	114597	789693	5.73%	0.087%
517	20.548	20.522	20.554	VV	127513	2343457	17.00%	0.259%
518	20.556	20.554	20.586	VV	126520	2294993	16.65%	0.254%
519	20.599	20.586	20.617	VV	122430	2273810	16.50%	0.252%
520	20.623	20.617	20.647	VV	115273	1978427	14.35%	0.219%
521	20.651	20.647	20.667	VV	109333	1265800	9.18%	0.140%
522	20.670	20.667	20.695	VV	108256	1773016	12.86%	0.196%
523	20.701	20.695	20.757	VV	101297	3453484	25.06%	0.382%
524	20.766	20.757	20.787	VV	84909	1521516	11.04%	0.168%
525	20.793	20.787	20.799	VV	82414	576081	4.18%	0.064%
526	20.843	20.799	20.852	VV	81676	2488635	18.06%	0.275%
527	20.857	20.852	20.868	VV	84515	804643	5.84%	0.089%
528	20.875	20.868	20.898	VV	83962	1493987	10.84%	0.165%
529	20.902	20.898	20.908	VV	80791	438472	3.18%	0.049%
530	20.912	20.908	20.925	VV	80841	795289	5.77%	0.088%
531	20.935	20.925	20.946	VV	73419	876130	6.36%	0.097%
532	20.951	20.946	20.957	VV	69502	462609	3.36%	0.051%
533	20.962	20.957	20.987	VV	66301	1173484	8.51%	0.130%
534	20.999	20.987	21.008	VV	68437	813890	5.90%	0.090%
535	21.017	21.008	21.037	VV	66430	1125357	8.16%	0.125%
536	21.041	21.037	21.047	VV	61685	329727	2.39%	0.036%
537	21.056	21.047	21.060	VV	61929	481883	3.50%	0.053%
538	21.065	21.060	21.074	VV	61031	499460	3.62%	0.055%
539	21.079	21.074	21.093	VV	58486	633357	4.60%	0.070%
540	21.101	21.093	21.142	VV	54328	1479917	10.74%	0.164%
541	21.146	21.142	21.164	VV	48680	624040	4.53%	0.069%
542	21.171	21.164	21.180	VV	44981	417650	3.03%	0.046%
543	21.186	21.180	21.196	VV	45062	402934	2.92%	0.045%
544	21.201	21.196	21.221	VV	42607	605815	4.40%	0.067%
545	21.233	21.221	21.239	VV	39911	427700	3.10%	0.047%
546	21.242	21.239	21.252	VV	39595	293523	2.13%	0.032%
547	21.264	21.252	21.308	VV	42406	1250472	9.07%	0.138%
548	21.313	21.308	21.378	VV	32327	909342	6.60%	0.101%
549	21.382	21.378	21.387	VV	13541	69045	0.50%	0.008%
550	21.392	21.387	21.397	VV	15308	91827	0.67%	0.010%
551	21.402	21.397	21.428	VV	14107	214367	1.56%	0.024%
552	21.450	21.428	21.469	VV	13841	298546	2.17%	0.033%
553	21.474	21.469	21.483	VV	13517	96539	0.70%	0.011%
554	21.493	21.483	21.506	VV	13332	153660	1.11%	0.017%
555	21.508	21.506	21.551	VV	9511	136603	0.99%	0.015%
556	21.555	21.551	21.559	VV	3710	9617	0.07%	0.001%
557	21.580	21.559	21.586	VV	5642	65711	0.48%	0.007%
558	21.612	21.586	21.616	VV	10990	156885	1.14%	0.017%
559	21.628	21.616	21.633	VV	12419	113022	0.82%	0.013%
560	21.639	21.633	21.652	VV	13669	130747	0.95%	0.014%
561	21.657	21.652	21.667	VV	12393	91904	0.67%	0.010%

562 21.671 21.667 21.700 VBA 8667 149194 1.08% 0.017%
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Sum of corrected areas: 903636366

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