

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040822\
 Data File : FG009557.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2022 12:05
 Sample : N2301-11 500X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.998	2.015	BV	23914	141346	6.82%	0.102%
2	2.020	2.015	2.046	VV	10364	75186	3.63%	0.054%
3	2.068	2.046	2.081	VV	4683	43102	2.08%	0.031%
4	2.100	2.081	2.110	VV	3084	32408	1.56%	0.023%
5	2.130	2.110	2.143	VV	5776	64175	3.10%	0.046%
6	2.148	2.143	2.157	VV	1422	9683	0.47%	0.007%
7	2.173	2.157	2.198	VV	14869	122002	5.89%	0.088%
8	2.210	2.198	2.216	VV	905	8660	0.42%	0.006%
9	2.238	2.216	2.262	VV	11774	108481	5.24%	0.078%
10	2.286	2.262	2.294	VV	1907	21604	1.04%	0.016%
11	2.304	2.294	2.333	VV	2414	30158	1.46%	0.022%
12	2.360	2.333	2.376	VV	1809	26066	1.26%	0.019%
13	2.387	2.376	2.392	VV	1548	12483	0.60%	0.009%
14	2.401	2.392	2.409	VV	2040	17816	0.86%	0.013%
15	2.420	2.409	2.435	VV	2754	28211	1.36%	0.020%
16	2.459	2.435	2.489	VV	8766	105967	5.12%	0.076%
17	2.507	2.489	2.518	VV	27597	230166	11.11%	0.165%
18	2.525	2.518	2.542	VV	15536	132958	6.42%	0.095%
19	2.559	2.542	2.574	VV	28244	238104	11.50%	0.171%
20	2.589	2.574	2.616	VV	13853	175104	8.45%	0.126%
21	2.624	2.616	2.634	VV	4048	38598	1.86%	0.028%
22	2.638	2.634	2.659	VV	2740	24378	1.18%	0.018%
23	2.710	2.659	2.740	VV	16349	248045	11.98%	0.178%
24	2.749	2.740	2.763	VV	1694	16558	0.80%	0.012%
25	2.795	2.763	2.809	VV	12348	136266	6.58%	0.098%
26	2.822	2.809	2.834	VV	6629	66457	3.21%	0.048%
27	2.847	2.834	2.863	VV	5566	61136	2.95%	0.044%
28	2.879	2.863	2.896	VV	7649	83949	4.05%	0.060%
29	2.908	2.896	2.923	VV	4010	46116	2.23%	0.033%
30	2.940	2.923	2.948	VV	10848	102592	4.95%	0.074%
31	2.958	2.948	2.974	VV	12146	119909	5.79%	0.086%
32	3.002	2.974	3.030	VV	7508	128669	6.21%	0.092%
33	3.041	3.030	3.048	VV	1552	14439	0.70%	0.010%
34	3.074	3.048	3.088	VV	25402	315889	15.25%	0.227%
35	3.098	3.088	3.119	VV	13737	140453	6.78%	0.101%
36	3.129	3.119	3.135	VV	2219	18666	0.90%	0.013%

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37	3.146	3.135	3.174	VV	3078	39946	1.93%	0.029%
38	3.195	3.174	3.209	VV	3146	34833	1.68%	0.025%
39	3.224	3.209	3.233	VV	4000	39912	1.93%	0.029%
40	3.246	3.233	3.256	VV	7224	71118	3.43%	0.051%
41	3.271	3.256	3.287	VV	20502	205670	9.93%	0.148%
42	3.296	3.287	3.331	VV	5082	67736	3.27%	0.049%
43	3.352	3.331	3.361	PV	4043	36693	1.77%	0.026%
44	3.376	3.361	3.390	VV	16354	157423	7.60%	0.113%
45	3.401	3.390	3.418	VV	10610	108627	5.24%	0.078%
46	3.434	3.418	3.443	VV	7311	78563	3.79%	0.056%
47	3.458	3.443	3.482	VV	11741	163093	7.87%	0.117%
48	3.494	3.482	3.503	VV	5111	46182	2.23%	0.033%
49	3.520	3.503	3.554	VV	31151	427429	20.64%	0.307%
50	3.585	3.554	3.603	VV	11212	198437	9.58%	0.143%
51	3.630	3.603	3.649	VV	43083	531238	25.65%	0.382%
52	3.657	3.649	3.673	VV	13544	148581	7.17%	0.107%
53	3.701	3.673	3.734	VV	27816	447313	21.60%	0.321%
54	3.749	3.734	3.778	VV	10237	146284	7.06%	0.105%
55	3.795	3.778	3.816	VV	31313	290767	14.04%	0.209%
56	3.844	3.816	3.891	VV	21247	437526	21.12%	0.314%
57	3.926	3.891	3.940	VV	20238	288731	13.94%	0.207%
58	3.953	3.940	3.973	VV	10769	148938	7.19%	0.107%
59	3.988	3.973	4.006	VV	15679	214510	10.36%	0.154%
60	4.020	4.006	4.045	VV	15762	191496	9.25%	0.138%
61	4.066	4.045	4.073	VV	5735	62392	3.01%	0.045%
62	4.106	4.073	4.117	VV	18281	275515	13.30%	0.198%
63	4.132	4.117	4.153	VV	24008	305320	14.74%	0.219%
64	4.169	4.153	4.207	VV	12250	201000	9.70%	0.144%
65	4.241	4.207	4.260	PV	14607	208767	10.08%	0.150%
66	4.281	4.260	4.307	VV	14453	259004	12.51%	0.186%
67	4.317	4.307	4.355	VV	8056	171969	8.30%	0.124%
68	4.366	4.355	4.381	VV	5018	55042	2.66%	0.040%
69	4.397	4.381	4.422	VV	10494	134519	6.49%	0.097%
70	4.428	4.422	4.436	VV	2555	21439	1.04%	0.015%
71	4.446	4.436	4.458	VV	2745	29369	1.42%	0.021%
72	4.498	4.458	4.511	VV	12892	273429	13.20%	0.196%
73	4.527	4.511	4.542	VV	20163	267785	12.93%	0.192%
74	4.555	4.542	4.570	VV	14848	200969	9.70%	0.144%
75	4.585	4.570	4.600	VV	45869	464138	22.41%	0.333%
76	4.611	4.600	4.625	VV	25883	264843	12.79%	0.190%
77	4.639	4.625	4.650	VV	16541	203804	9.84%	0.146%
78	4.660	4.650	4.674	VV	18250	196439	9.48%	0.141%
79	4.683	4.674	4.689	VV	10544	90255	4.36%	0.065%
80	4.704	4.689	4.719	VV	16034	199729	9.64%	0.143%
81	4.738	4.719	4.772	VV	33330	582491	28.12%	0.418%
82	4.801	4.772	4.833	VV	30225	447988	21.63%	0.322%
83	4.854	4.833	4.866	VV	10213	140273	6.77%	0.101%
84	4.888	4.866	4.912	VV	11982	213872	10.33%	0.154%
85	4.945	4.912	4.965	VV	15534	278986	13.47%	0.200%
86	4.974	4.965	5.000	VV	13775	163312	7.88%	0.117%
87	5.025	5.000	5.035	VV	15531	176806	8.54%	0.127%
88	5.049	5.035	5.063	VV	31699	347317	16.77%	0.249%
89	5.068	5.063	5.090	VV	14230	182598	8.82%	0.131%

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90	5.099	5.090	5.114	VV	9806	100817	4.87%	0.072%
91	5.131	5.114	5.151	VV	7206	119711	5.78%	0.086%
92	5.171	5.151	5.185	VV	18833	254118	12.27%	0.183%
93	5.192	5.185	5.202	VV	12197	111663	5.39%	0.080%
94	5.230	5.202	5.246	VV	18220	338818	16.36%	0.243%
95	5.260	5.246	5.275	VV	19485	223014	10.77%	0.160%
96	5.289	5.275	5.313	VV	14624	251828	12.16%	0.181%
97	5.321	5.313	5.339	VV	8542	109818	5.30%	0.079%
98	5.350	5.339	5.359	VV	6621	68983	3.33%	0.050%
99	5.376	5.359	5.381	VV	20845	187784	9.07%	0.135%
100	5.393	5.381	5.423	VV	30701	422046	20.38%	0.303%
101	5.444	5.423	5.479	VV	11153	234290	11.31%	0.168%
102	5.498	5.479	5.511	VV	8960	133030	6.42%	0.096%
103	5.521	5.511	5.534	VV	8379	107989	5.21%	0.078%
104	5.554	5.534	5.580	VV	43394	646170	31.20%	0.464%
105	5.589	5.580	5.597	VV	11148	100410	4.85%	0.072%
106	5.605	5.597	5.612	VV	10789	96039	4.64%	0.069%
107	5.623	5.612	5.638	VV	12202	164871	7.96%	0.118%
108	5.660	5.638	5.696	VV	37550	780137	37.67%	0.560%
109	5.719	5.696	5.735	VV	16171	299212	14.45%	0.215%
110	5.742	5.735	5.754	VV	8513	85138	4.11%	0.061%
111	5.770	5.754	5.776	VV	12436	131721	6.36%	0.095%
112	5.784	5.776	5.808	VV	14289	155644	7.51%	0.112%
113	5.831	5.808	5.850	PV	16969	208581	10.07%	0.150%
114	5.881	5.850	5.901	VV	21000	367046	17.72%	0.264%
115	5.927	5.901	5.948	VV	17717	368027	17.77%	0.264%
116	5.951	5.948	5.963	VV	12544	111496	5.38%	0.080%
117	5.971	5.963	5.991	VV	12882	155542	7.51%	0.112%
118	6.024	5.991	6.037	VV	12112	263609	12.73%	0.189%
119	6.057	6.037	6.082	VV	23921	412949	19.94%	0.297%
120	6.100	6.082	6.124	VV	18198	346925	16.75%	0.249%
121	6.139	6.124	6.151	VV	18698	238288	11.50%	0.171%
122	6.164	6.151	6.182	VV	19016	310696	15.00%	0.223%
123	6.192	6.182	6.218	VV	18447	336553	16.25%	0.242%
124	6.237	6.218	6.253	VV	21096	327052	15.79%	0.235%
125	6.281	6.253	6.300	VV	23987	491157	23.71%	0.353%
126	6.310	6.300	6.325	VV	17117	222363	10.74%	0.160%
127	6.333	6.325	6.363	VV	12691	245412	11.85%	0.176%
128	6.378	6.363	6.408	VV	13473	265517	12.82%	0.191%
129	6.446	6.408	6.459	VV	14106	334922	16.17%	0.241%
130	6.482	6.459	6.490	VV	14506	242214	11.69%	0.174%
131	6.508	6.490	6.529	VV	63080	838980	40.51%	0.603%
132	6.547	6.529	6.569	VV	39789	624351	30.14%	0.448%
133	6.580	6.569	6.593	VV	15199	180159	8.70%	0.129%
134	6.636	6.593	6.653	VV	22474	533639	25.76%	0.383%
135	6.680	6.653	6.703	VV	30714	595495	28.75%	0.428%
136	6.716	6.703	6.729	VV	18613	234367	11.32%	0.168%
137	6.757	6.729	6.791	VV	25753	590889	28.53%	0.424%
138	6.820	6.791	6.838	VV	18026	393957	19.02%	0.283%
139	6.859	6.838	6.869	VV	28467	398807	19.26%	0.286%
140	6.880	6.869	6.900	VV	31499	453574	21.90%	0.326%
141	6.919	6.900	6.948	VV	33622	597094	28.83%	0.429%

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142	6.970	6.948	7.011	VV	25100	694273	33.52%	0.499%
143	7.023	7.011	7.042	VV	16816	248574	12.00%	0.179%
144	7.065	7.042	7.101	VV	66636	1238072	59.78%	0.889%
145	7.118	7.101	7.143	VV	32237	554776	26.79%	0.398%
146	7.164	7.143	7.182	VV	29414	457947	22.11%	0.329%
147	7.192	7.182	7.200	VV	14736	158104	7.63%	0.114%
148	7.210	7.200	7.223	VV	14994	186992	9.03%	0.134%
149	7.251	7.223	7.259	VV	19887	361494	17.45%	0.260%
150	7.264	7.259	7.277	VV	19255	201493	9.73%	0.145%
151	7.283	7.277	7.314	VV	17148	313333	15.13%	0.225%
152	7.337	7.314	7.358	VV	20028	412839	19.93%	0.297%
153	7.375	7.358	7.392	VV	18601	339029	16.37%	0.243%
154	7.414	7.392	7.436	VV	19139	443009	21.39%	0.318%
155	7.461	7.436	7.490	VV	41665	802380	38.74%	0.576%
156	7.508	7.490	7.529	VV	19653	325280	15.71%	0.234%
157	7.547	7.529	7.555	VV	11692	155353	7.50%	0.112%
158	7.574	7.555	7.589	VV	19946	319098	15.41%	0.229%
159	7.622	7.589	7.641	VV	28412	614447	29.67%	0.441%
160	7.653	7.641	7.694	VV	17082	439184	21.20%	0.315%
161	7.715	7.694	7.730	VV	20416	335610	16.20%	0.241%
162	7.747	7.730	7.757	VV	20587	293863	14.19%	0.211%
163	7.764	7.757	7.783	VV	20145	268932	12.98%	0.193%
164	7.809	7.783	7.827	VV	21251	429396	20.73%	0.308%
165	7.865	7.827	7.882	VV	28502	688885	33.26%	0.495%
166	7.893	7.882	7.904	VV	21463	274557	13.26%	0.197%
167	7.913	7.904	7.936	VV	21155	331933	16.03%	0.238%
168	7.980	7.936	8.014	VV	78235	1604600	77.47%	1.152%
169	8.031	8.014	8.053	VV	28070	475422	22.95%	0.341%
170	8.081	8.053	8.096	VV	54598	873772	42.19%	0.628%
171	8.110	8.096	8.132	VV	45881	692098	33.42%	0.497%
172	8.141	8.132	8.170	VV	22361	435686	21.04%	0.313%
173	8.207	8.170	8.221	VV	24729	575265	27.77%	0.413%
174	8.254	8.221	8.277	VV	32047	810338	39.12%	0.582%
175	8.281	8.277	8.293	VV	16671	145323	7.02%	0.104%
176	8.316	8.293	8.334	VV	32764	548849	26.50%	0.394%
177	8.355	8.334	8.367	VV	24258	403941	19.50%	0.290%
178	8.375	8.367	8.391	VV	20844	269522	13.01%	0.194%
179	8.406	8.391	8.419	VV	20380	303885	14.67%	0.218%
180	8.447	8.419	8.474	VV	18131	516084	24.92%	0.371%
181	8.490	8.474	8.500	VV	15300	208251	10.05%	0.150%
182	8.518	8.500	8.532	VV	26201	392248	18.94%	0.282%
183	8.536	8.532	8.545	VV	20607	159424	7.70%	0.115%
184	8.549	8.545	8.568	VV	20284	258577	12.48%	0.186%
185	8.580	8.568	8.597	VV	17588	263502	12.72%	0.189%
186	8.617	8.597	8.639	VV	30653	534453	25.80%	0.384%
187	8.701	8.639	8.755	VV	62538	1805239	87.16%	1.297%
188	8.777	8.755	8.789	VV	26626	406125	19.61%	0.292%
189	8.805	8.789	8.824	VV	32669	536798	25.92%	0.386%
190	8.842	8.824	8.863	VV	26227	499418	24.11%	0.359%
191	8.878	8.863	8.893	VV	19788	316161	15.26%	0.227%
192	8.928	8.893	8.945	VV	27778	661017	31.91%	0.475%
193	8.953	8.945	8.957	VV	20024	150996	7.29%	0.108%
194	8.974	8.957	8.991	VV	33565	514115	24.82%	0.369%

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195	9.015	8.991	9.053	VV	38620	850673	41.07%	0.611%
196	9.073	9.053	9.096	VV	22317	431128	20.82%	0.310%
197	9.132	9.096	9.150	VV	33670	665330	32.12%	0.478%
198	9.163	9.150	9.178	VV	24006	309672	14.95%	0.222%
199	9.190	9.178	9.203	VV	16444	227292	10.97%	0.163%
200	9.220	9.203	9.235	VV	15245	265292	12.81%	0.191%
201	9.269	9.235	9.301	VV	33328	820390	39.61%	0.589%
202	9.315	9.301	9.333	VV	16033	280783	13.56%	0.202%
203	9.360	9.333	9.365	VV	27138	393725	19.01%	0.283%
204	9.372	9.365	9.405	VV	26877	463259	22.37%	0.333%
205	9.431	9.405	9.465	VV	36601	833642	40.25%	0.599%
206	9.477	9.465	9.487	VV	15308	186223	8.99%	0.134%
207	9.508	9.487	9.511	VV	18093	240458	11.61%	0.173%
208	9.528	9.511	9.548	VV	26257	478313	23.09%	0.344%
209	9.555	9.548	9.577	VV	21870	298370	14.41%	0.214%
210	9.595	9.577	9.632	VV	15436	431769	20.85%	0.310%
211	9.645	9.632	9.658	VV	11380	170274	8.22%	0.122%
212	9.679	9.658	9.698	VV	20328	407482	19.67%	0.293%
213	9.726	9.698	9.750	VV	26670	625134	30.18%	0.449%
214	9.770	9.750	9.795	VV	22768	527596	25.47%	0.379%
215	9.800	9.795	9.814	VV	16616	184848	8.92%	0.133%
216	9.832	9.814	9.843	VV	17591	293579	14.17%	0.211%
217	9.846	9.843	9.857	VV	17102	132833	6.41%	0.095%
218	9.871	9.857	9.910	VV	20417	488238	23.57%	0.351%
219	9.938	9.910	9.971	VV	19519	542373	26.19%	0.390%
220	9.976	9.971	9.988	VV	13521	131037	6.33%	0.094%
221	10.001	9.988	10.021	VV	14768	259662	12.54%	0.186%
222	10.041	10.021	10.078	VV	14914	438204	21.16%	0.315%
223	10.099	10.078	10.129	VV	20413	461477	22.28%	0.331%
224	10.159	10.129	10.188	VV	54491	1069678	51.65%	0.768%
225	10.210	10.188	10.220	VV	22183	374966	18.10%	0.269%
226	10.234	10.220	10.258	VV	27340	487229	23.52%	0.350%
227	10.278	10.258	10.291	VV	22557	370309	17.88%	0.266%
228	10.305	10.291	10.328	VV	25465	424017	20.47%	0.305%
229	10.353	10.328	10.393	VV	20365	621610	30.01%	0.446%
230	10.418	10.393	10.429	VV	18604	370008	17.86%	0.266%
231	10.443	10.429	10.466	VV	19950	373573	18.04%	0.268%
232	10.488	10.466	10.504	VV	22370	415523	20.06%	0.298%
233	10.523	10.504	10.542	VV	22966	445368	21.50%	0.320%
234	10.583	10.542	10.615	VV	79907	1642967	79.33%	1.180%
235	10.629	10.615	10.676	VV	19757	599158	28.93%	0.430%
236	10.708	10.676	10.714	VV	15917	317593	15.33%	0.228%
237	10.726	10.714	10.733	VV	16316	188005	9.08%	0.135%
238	10.758	10.733	10.818	VV	26178	937736	45.28%	0.674%
239	10.851	10.818	10.873	VV	17720	497201	24.01%	0.357%
240	10.907	10.873	10.953	VV	21772	742256	35.84%	0.533%
241	10.972	10.953	10.983	VV	14577	236283	11.41%	0.170%
242	10.986	10.983	11.007	VV	14592	200522	9.68%	0.144%
243	11.013	11.007	11.019	VV	12997	92702	4.48%	0.067%
244	11.044	11.019	11.051	VV	15158	257760	12.45%	0.185%
245	11.072	11.051	11.093	VV	18263	398758	19.25%	0.286%
246	11.115	11.093	11.133	VV	16134	357195	17.25%	0.257%

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247	11.156	11.133	11.180	VV	19567	468963	22.64%	0.337%
248	11.185	11.180	11.197	VV	16217	161933	7.82%	0.116%
249	11.216	11.197	11.226	VV	16569	266334	12.86%	0.191%
250	11.245	11.226	11.263	VV	17648	353881	17.09%	0.254%
251	11.309	11.263	11.337	VV	53118	1245572	60.14%	0.895%
252	11.350	11.337	11.360	VV	14575	194278	9.38%	0.140%
253	11.368	11.360	11.391	VV	14598	236832	11.43%	0.170%
254	11.415	11.391	11.437	VV	18738	385818	18.63%	0.277%
255	11.457	11.437	11.466	VV	12075	195846	9.46%	0.141%
256	11.504	11.466	11.539	VV	16950	633608	30.59%	0.455%
257	11.564	11.539	11.578	VV	16456	335481	16.20%	0.241%
258	11.595	11.578	11.638	VV	19269	481048	23.23%	0.345%
259	11.663	11.638	11.671	VV	12829	211491	10.21%	0.152%
260	11.691	11.671	11.698	VV	14266	215252	10.39%	0.155%
261	11.712	11.698	11.733	VV	20112	353307	17.06%	0.254%
262	11.747	11.733	11.767	VV	16819	316212	15.27%	0.227%
263	11.769	11.767	11.800	VV	14561	233813	11.29%	0.168%
264	11.825	11.800	11.840	VV	11413	251462	12.14%	0.181%
265	11.868	11.840	11.892	VV	24608	528579	25.52%	0.380%
266	11.905	11.892	11.938	VV	14075	325125	15.70%	0.234%
267	11.941	11.938	11.948	VV	9575	50323	2.43%	0.036%
268	11.969	11.948	11.983	VV	12527	230493	11.13%	0.166%
269	12.017	11.983	12.059	VV	12886	477926	23.08%	0.343%
270	12.072	12.059	12.079	VV	9968	113202	5.47%	0.081%
271	12.101	12.079	12.158	VV	15613	504138	24.34%	0.362%
272	12.186	12.158	12.203	VV	10838	247001	11.93%	0.177%
273	12.218	12.203	12.228	VV	8485	113704	5.49%	0.082%
274	12.249	12.228	12.267	VV	11639	211476	10.21%	0.152%
275	12.270	12.267	12.284	VV	8906	84610	4.09%	0.061%
276	12.305	12.284	12.318	VV	8652	160586	7.75%	0.115%
277	12.324	12.318	12.340	VV	8259	97116	4.69%	0.070%
278	12.360	12.340	12.369	VV	9748	144008	6.95%	0.103%
279	12.375	12.369	12.399	VV	10199	156214	7.54%	0.112%
280	12.402	12.399	12.415	VV	8166	66605	3.22%	0.048%
281	12.467	12.415	12.493	VV	18513	530917	25.63%	0.381%
282	12.501	12.493	12.520	VV	11039	170397	8.23%	0.122%
283	12.534	12.520	12.570	VV	14351	287418	13.88%	0.206%
284	12.580	12.570	12.587	VV	6883	60278	2.91%	0.043%
285	12.595	12.587	12.620	VV	7190	132688	6.41%	0.095%
286	12.641	12.620	12.648	VV	7020	112613	5.44%	0.081%
287	12.653	12.648	12.669	VV	6648	77503	3.74%	0.056%
288	12.686	12.669	12.698	VV	7718	117836	5.69%	0.085%
289	12.711	12.698	12.716	VV	5977	56387	2.72%	0.040%
290	12.722	12.716	12.740	VV	5893	66221	3.20%	0.048%
291	12.763	12.740	12.775	VV	4118	75267	3.63%	0.054%
292	12.782	12.775	12.791	VV	3916	35609	1.72%	0.026%
293	12.819	12.791	12.824	VV	5289	90628	4.38%	0.065%
294	12.830	12.824	12.861	VV	5301	95022	4.59%	0.068%
295	12.883	12.861	12.898	VV	6235	112013	5.41%	0.080%
296	12.902	12.898	12.906	VV	4608	21604	1.04%	0.016%
297	12.913	12.906	12.935	VV	4950	59288	2.86%	0.043%
298	12.955	12.935	12.966	VV	4510	52803	2.55%	0.038%
299	12.983	12.966	12.993	VV	4378	63443	3.06%	0.046%

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300	13.001	12.993	13.007	VV	5032	37739	1.82%	0.027%
301	13.033	13.007	13.069	VV	14079	331396	16.00%	0.238%
302	13.073	13.069	13.087	VV	5690	54018	2.61%	0.039%
303	13.092	13.087	13.132	VV	5598	89548	4.32%	0.064%
304	13.171	13.132	13.201	VV	5662	160828	7.77%	0.116%
305	13.221	13.201	13.261	VV	6035	143852	6.95%	0.103%
306	13.266	13.261	13.278	VV	2439	21830	1.05%	0.016%
307	13.285	13.278	13.298	VV	3513	34267	1.65%	0.025%
308	13.312	13.298	13.343	VV	5065	76484	3.69%	0.055%
309	13.375	13.343	13.405	VV	8690	176731	8.53%	0.127%
310	13.424	13.405	13.445	VV	4267	82480	3.98%	0.059%
311	13.473	13.445	13.498	VV	6133	111691	5.39%	0.080%
312	13.501	13.498	13.509	VV	1451	7158	0.35%	0.005%
313	13.516	13.509	13.528	VV	2092	15507	0.75%	0.011%
314	13.531	13.528	13.538	VV	1171	4411	0.21%	0.003%
315	13.544	13.538	13.550	PV	1337	5719	0.28%	0.004%
316	13.590	13.550	13.616	VV	5802	139743	6.75%	0.100%
317	13.653	13.616	13.686	VV	8289	197907	9.56%	0.142%
318	13.703	13.686	13.708	VV	1495	12612	0.61%	0.009%
319	13.728	13.708	13.736	VV	3193	38316	1.85%	0.028%
320	13.741	13.736	13.744	VV	2872	12967	0.63%	0.009%
321	13.752	13.744	13.777	VV	4038	46204	2.23%	0.033%
322	13.794	13.777	13.809	VV	3216	41023	1.98%	0.029%
323	13.832	13.809	13.847	VV	2450	39172	1.89%	0.028%
324	13.883	13.847	13.907	VV	3790	72946	3.52%	0.052%
325	13.974	13.907	13.999	VV	9962	212335	10.25%	0.153%
326	14.004	13.999	14.015	VV	2282	16607	0.80%	0.012%
327	14.042	14.015	14.075	VV	4262	95972	4.63%	0.069%
328	14.091	14.075	14.097	VV	1883	13651	0.66%	0.010%
329	14.109	14.097	14.122	VV	4097	43937	2.12%	0.032%
330	14.144	14.122	14.161	VV	3947	74101	3.58%	0.053%
331	14.170	14.161	14.174	VV	1912	11677	0.56%	0.008%
332	14.220	14.174	14.228	VV	3900	92865	4.48%	0.067%
333	14.242	14.228	14.277	VV	3646	52602	2.54%	0.038%
334	14.300	14.277	14.323	PV	2395	39640	1.91%	0.028%
335	14.326	14.323	14.339	VV	1433	10985	0.53%	0.008%
336	14.365	14.339	14.380	VV	4196	69699	3.37%	0.050%
337	14.391	14.380	14.402	VV	4404	49887	2.41%	0.036%
338	14.431	14.402	14.488	VV	9640	247564	11.95%	0.178%
339	14.500	14.488	14.508	VV	2179	20160	0.97%	0.014%
340	14.522	14.508	14.532	VV	2404	30657	1.48%	0.022%
341	14.551	14.532	14.563	VV	5895	74550	3.60%	0.054%
342	14.582	14.563	14.605	VV	5738	108679	5.25%	0.078%
343	14.609	14.605	14.632	VV	3421	40550	1.96%	0.029%
344	14.639	14.632	14.646	VV	1339	6542	0.32%	0.005%
345	14.683	14.646	14.690	VV	3082	53278	2.57%	0.038%
346	14.701	14.690	14.713	VV	3602	39752	1.92%	0.029%
347	14.765	14.713	14.788	VV	5974	165969	8.01%	0.119%
348	14.808	14.788	14.823	VV	3311	41463	2.00%	0.030%
349	14.856	14.823	14.860	VV	4023	66464	3.21%	0.048%
350	14.866	14.860	14.871	VV	4413	26104	1.26%	0.019%
351	14.911	14.871	14.919	VV	7291	162215	7.83%	0.117%

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352	14.924	14.919	14.937	VV	6822	60973	2.94%	0.044%
353	14.944	14.937	14.951	VV	4345	32890	1.59%	0.024%
354	14.990	14.951	15.031	VV	8787	273725	13.22%	0.197%
355	15.059	15.031	15.069	VV	5140	92887	4.48%	0.067%
356	15.096	15.069	15.104	VV	8014	138067	6.67%	0.099%
357	15.108	15.104	15.125	VV	8773	95322	4.60%	0.068%
358	15.130	15.125	15.140	VV	6405	54987	2.65%	0.039%
359	15.151	15.140	15.163	VV	6618	78735	3.80%	0.057%
360	15.185	15.163	15.199	VV	7070	129477	6.25%	0.093%
361	15.204	15.199	15.208	VV	5964	32382	1.56%	0.023%
362	15.219	15.208	15.237	VV	6648	94044	4.54%	0.068%
363	15.281	15.237	15.287	VV	9492	212974	10.28%	0.153%
364	15.291	15.287	15.303	VV	9172	79490	3.84%	0.057%
365	15.316	15.303	15.337	VV	7182	122627	5.92%	0.088%
366	15.358	15.337	15.363	VV	7594	97040	4.69%	0.070%
367	15.404	15.363	15.441	VV	17622	620360	29.95%	0.446%
368	15.448	15.441	15.478	VV	11464	209113	10.10%	0.150%
369	15.493	15.478	15.517	VV	7380	155408	7.50%	0.112%
370	15.537	15.517	15.541	VV	6793	84448	4.08%	0.061%
371	15.552	15.541	15.557	VV	8171	65731	3.17%	0.047%
372	15.581	15.557	15.593	VV	9525	177914	8.59%	0.128%
373	15.598	15.593	15.607	VV	10209	73989	3.57%	0.053%
374	15.627	15.607	15.653	VV	12082	273551	13.21%	0.196%
375	15.685	15.653	15.728	VV	19855	618967	29.88%	0.445%
376	15.732	15.728	15.738	VV	10312	62995	3.04%	0.045%
377	15.747	15.738	15.753	VV	10797	89883	4.34%	0.065%
378	15.759	15.753	15.770	VV	11402	101229	4.89%	0.073%
379	15.775	15.770	15.790	VV	9851	116141	5.61%	0.083%
380	15.801	15.790	15.812	VV	9289	113255	5.47%	0.081%
381	15.827	15.812	15.835	VV	11118	133113	6.43%	0.096%
382	15.843	15.835	15.862	VV	10868	152762	7.38%	0.110%
383	15.886	15.862	15.894	VV	12820	217722	10.51%	0.156%
384	15.914	15.894	15.958	VV	17889	518810	25.05%	0.373%
385	15.964	15.958	15.969	VV	8387	55468	2.68%	0.040%
386	15.980	15.969	15.988	VV	9190	100079	4.83%	0.072%
387	16.004	15.988	16.015	VV	9206	136982	6.61%	0.098%
388	16.035	16.015	16.040	VV	11081	142096	6.86%	0.102%
389	16.059	16.040	16.074	VV	15821	277701	13.41%	0.199%
390	16.079	16.074	16.083	VV	12450	59699	2.88%	0.043%
391	16.129	16.083	16.148	VV	14888	522015	25.20%	0.375%
392	16.195	16.148	16.225	VV	24349	829684	40.06%	0.596%
393	16.238	16.225	16.241	VV	15611	144035	6.95%	0.103%
394	16.247	16.241	16.253	VV	15869	101814	4.92%	0.073%
395	16.259	16.253	16.282	VV	14631	223043	10.77%	0.160%
396	16.314	16.282	16.333	VV	14193	357722	17.27%	0.257%
397	16.343	16.333	16.366	VV	12784	230677	11.14%	0.166%
398	16.403	16.366	16.418	VV	14039	375280	18.12%	0.270%
399	16.427	16.418	16.435	VV	11135	102294	4.94%	0.073%
400	16.443	16.435	16.450	VV	10827	93125	4.50%	0.067%
401	16.453	16.450	16.463	VV	10787	80944	3.91%	0.058%
402	16.475	16.463	16.485	VV	11306	132476	6.40%	0.095%
403	16.503	16.485	16.513	VV	12374	184753	8.92%	0.133%
404	16.518	16.513	16.523	VV	12531	65096	3.14%	0.047%

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405	16.546	16.523	16.554	VV	16802	269487	13.01%	0.194%
406	16.581	16.554	16.618	VV	20707	653813	31.57%	0.470%
407	16.623	16.618	16.657	VV	14895	314490	15.18%	0.226%
408	16.691	16.657	16.700	VV	17004	379548	18.33%	0.273%
409	16.704	16.700	16.724	VV	15480	192296	9.28%	0.138%
410	16.729	16.724	16.741	VV	12061	109569	5.29%	0.079%
411	16.749	16.741	16.756	VV	10332	88508	4.27%	0.064%
412	16.761	16.756	16.768	VV	9734	71015	3.43%	0.051%
413	16.774	16.768	16.778	VV	9617	52925	2.56%	0.038%
414	16.810	16.778	16.815	VV	12324	245001	11.83%	0.176%
415	16.821	16.815	16.825	VV	13258	76175	3.68%	0.055%
416	16.848	16.825	16.866	VV	17664	363328	17.54%	0.261%
417	16.870	16.866	16.875	VV	12979	67417	3.25%	0.048%
418	16.882	16.875	16.901	VV	13211	178157	8.60%	0.128%
419	16.905	16.901	16.915	VV	10278	83461	4.03%	0.060%
420	16.920	16.915	16.925	VV	10659	61863	2.99%	0.044%
421	16.928	16.925	16.935	VV	10834	59886	2.89%	0.043%
422	16.954	16.935	16.967	VV	13114	213920	10.33%	0.154%
423	16.988	16.967	17.012	VV	15111	370589	17.89%	0.266%
424	17.017	17.012	17.021	VV	12816	60397	2.92%	0.043%
425	17.057	17.021	17.087	VV	20150	623797	30.12%	0.448%
426	17.092	17.087	17.114	VV	12384	175959	8.50%	0.126%
427	17.137	17.114	17.142	VV	13282	197996	9.56%	0.142%
428	17.150	17.142	17.172	VV	14361	214950	10.38%	0.154%
429	17.180	17.172	17.192	VV	11976	132891	6.42%	0.095%
430	17.195	17.192	17.203	VV	11258	69781	3.37%	0.050%
431	17.217	17.203	17.220	VV	12395	121351	5.86%	0.087%
432	17.225	17.220	17.230	VV	12636	69409	3.35%	0.050%
433	17.234	17.230	17.257	VV	13121	170489	8.23%	0.122%
434	17.263	17.257	17.267	VV	9602	54752	2.64%	0.039%
435	17.303	17.267	17.327	VV	12691	375081	18.11%	0.269%
436	17.340	17.327	17.358	VV	10127	170401	8.23%	0.122%
437	17.404	17.358	17.432	VV	16269	526585	25.42%	0.378%
438	17.437	17.432	17.458	VV	10148	150625	7.27%	0.108%
439	17.463	17.458	17.479	VV	9161	108974	5.26%	0.078%
440	17.486	17.479	17.500	VV	9614	106632	5.15%	0.077%
441	17.512	17.500	17.527	VV	8407	122765	5.93%	0.088%
442	17.546	17.527	17.556	VV	7590	118857	5.74%	0.085%
443	17.564	17.556	17.576	VV	6601	69962	3.38%	0.050%
444	17.580	17.576	17.583	VV	5902	25305	1.22%	0.018%
445	17.598	17.583	17.607	VV	7881	97789	4.72%	0.070%
446	17.617	17.607	17.629	VV	9194	111557	5.39%	0.080%
447	17.651	17.629	17.669	VV	11654	233125	11.26%	0.167%
448	17.681	17.669	17.702	VV	10814	179298	8.66%	0.129%
449	17.710	17.702	17.736	VV	9044	151890	7.33%	0.109%
450	17.749	17.736	17.758	VV	5791	70015	3.38%	0.050%
451	17.779	17.758	17.787	VV	6144	85990	4.15%	0.062%
452	17.807	17.787	17.819	VV	6111	91299	4.41%	0.066%
453	17.856	17.819	17.866	VV	11499	219721	10.61%	0.158%
454	17.872	17.866	17.878	VV	9491	67722	3.27%	0.049%
455	17.883	17.878	17.912	VV	9458	132607	6.40%	0.095%
456	17.928	17.912	17.940	VV	6359	85995	4.15%	0.062%

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457	17.945	17.940	17.956	VV	5837	47073	2.27%	0.034%
458	17.960	17.956	17.972	VV	5111	45327	2.19%	0.033%
459	17.976	17.972	17.983	VV	4753	29218	1.41%	0.021%
460	18.007	17.983	18.019	VV	7136	114418	5.52%	0.082%
461	18.023	18.019	18.044	VV	5856	69791	3.37%	0.050%
462	18.059	18.044	18.065	VV	5442	58409	2.82%	0.042%
463	18.097	18.065	18.128	VV	7909	212396	10.25%	0.153%
464	18.140	18.128	18.148	VV	3351	33745	1.63%	0.024%
465	18.154	18.148	18.162	VV	2833	21994	1.06%	0.016%
466	18.168	18.162	18.179	VV	3282	29181	1.41%	0.021%
467	18.183	18.179	18.189	VV	2987	13875	0.67%	0.010%
468	18.225	18.189	18.255	VV	9407	181545	8.77%	0.130%
469	18.260	18.255	18.272	VV	2399	16781	0.81%	0.012%
470	18.294	18.272	18.300	PV	2076	21286	1.03%	0.015%
471	18.306	18.300	18.318	VV	1426	11110	0.54%	0.008%
472	18.334	18.318	18.339	VV	2174	17778	0.86%	0.013%
473	18.347	18.339	18.359	VV	2934	30311	1.46%	0.022%
474	18.364	18.359	18.385	VV	3348	37004	1.79%	0.027%
475	18.398	18.385	18.404	VV	1713	14844	0.72%	0.011%
476	18.426	18.404	18.448	VV	4991	92099	4.45%	0.066%
477	18.453	18.448	18.467	VV	3520	26840	1.30%	0.019%
478	18.473	18.467	18.485	VV	2071	17742	0.86%	0.013%
479	18.491	18.485	18.498	VV	2101	13194	0.64%	0.009%
480	18.507	18.498	18.511	VV	2257	12097	0.58%	0.009%
481	18.524	18.511	18.544	VV	3127	48027	2.32%	0.034%
482	18.552	18.544	18.556	VV	2386	13050	0.63%	0.009%
483	18.567	18.556	18.576	VV	3336	28619	1.38%	0.021%
484	18.584	18.576	18.590	VV	1028	7136	0.34%	0.005%
485	18.598	18.590	18.609	VV	1717	13607	0.66%	0.010%
486	18.615	18.609	18.623	VV	1444	7280	0.35%	0.005%
487	18.649	18.623	18.666	VV	3238	47976	2.32%	0.034%
488	18.673	18.666	18.679	VV	1476	9764	0.47%	0.007%
489	18.704	18.679	18.711	VV	3064	39715	1.92%	0.029%
490	18.746	18.711	18.758	VV	3841	72190	3.49%	0.052%
491	18.774	18.758	18.786	VV	2005	26539	1.28%	0.019%
492	18.796	18.786	18.800	VV	904	4785	0.23%	0.003%
493	18.836	18.800	18.840	VV	1796	30863	1.49%	0.022%
494	18.852	18.840	18.862	VV	2189	20250	0.98%	0.015%
495	18.869	18.862	18.878	PV	1121	6467	0.31%	0.005%
496	18.900	18.878	18.904	VV	950	9201	0.44%	0.007%
497	18.913	18.904	18.919	VV	933	6729	0.32%	0.005%
498	18.927	18.919	18.935	VV	1454	9816	0.47%	0.007%
499	18.941	18.935	18.945	VV	1520	7737	0.37%	0.006%
500	18.975	18.945	18.988	VV	3084	61075	2.95%	0.044%
501	18.992	18.988	19.017	VV	2031	20418	0.99%	0.015%
502	19.036	19.017	19.041	PV	1677	13129	0.63%	0.009%
503	19.051	19.041	19.056	VV	1282	9530	0.46%	0.007%
504	19.068	19.056	19.087	VV	1713	19369	0.94%	0.014%
505	19.099	19.087	19.103	VV	893	6936	0.33%	0.005%
506	19.158	19.103	19.175	VV	4497	123301	5.95%	0.089%
507	19.192	19.175	19.205	VV	1847	27333	1.32%	0.020%
508	19.221	19.205	19.240	VV	2011	31008	1.50%	0.022%
509	19.254	19.240	19.261	VV	1444	12364	0.60%	0.009%

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510	19.266	19.261	19.271	VV	934	4640	0.22%	0.003%
511	19.278	19.271	19.291	VV	1295	10947	0.53%	0.008%
512	19.363	19.291	19.370	VV	8530	198773	9.60%	0.143%
513	19.376	19.370	19.399	VV	8076	102440	4.95%	0.074%
514	19.405	19.399	19.420	VV	3436	40291	1.95%	0.029%
515	19.443	19.420	19.447	VV	5768	64603	3.12%	0.046%
516	19.463	19.447	19.483	VV	6383	121169	5.85%	0.087%
517	19.487	19.483	19.498	VV	5239	42648	2.06%	0.031%
518	19.521	19.498	19.528	VV	7068	102049	4.93%	0.073%
519	19.538	19.528	19.549	VV	7146	86303	4.17%	0.062%
520	19.554	19.549	19.564	VV	6466	54564	2.63%	0.039%
521	19.597	19.564	19.603	VV	7017	141577	6.84%	0.102%
522	19.622	19.603	19.640	VV	7274	153633	7.42%	0.110%
523	19.655	19.640	19.659	VV	6667	73096	3.53%	0.052%
524	19.693	19.659	19.704	VV	7731	188965	9.12%	0.136%
525	19.748	19.704	19.758	VV	13083	331325	16.00%	0.238%
526	19.763	19.758	19.783	VV	13148	187626	9.06%	0.135%
527	19.798	19.783	19.807	VV	11606	157609	7.61%	0.113%
528	19.827	19.807	19.832	VV	11910	171935	8.30%	0.123%
529	19.862	19.832	19.874	VV	14149	330994	15.98%	0.238%
530	19.881	19.874	19.895	VV	12930	157819	7.62%	0.113%
531	19.900	19.895	19.906	VV	12828	83732	4.04%	0.060%
532	19.919	19.906	19.927	VV	13421	161355	7.79%	0.116%
533	19.975	19.927	19.985	VV	15464	504236	24.35%	0.362%
534	19.990	19.985	20.002	VV	15300	156145	7.54%	0.112%
535	20.041	20.002	20.051	VV	16784	459168	22.17%	0.330%
536	20.053	20.051	20.062	VV	16198	101571	4.90%	0.073%
537	20.084	20.062	20.093	VV	17142	310988	15.02%	0.223%
538	20.136	20.093	20.147	VV	19347	588741	28.43%	0.423%
539	20.155	20.147	20.160	VV	19457	147013	7.10%	0.106%
540	20.185	20.160	20.207	VV	22062	592242	28.59%	0.425%
541	20.335	20.207	20.339	VV	32656	2071181	100.00%	1.488%
542	20.347	20.339	20.353	VV	32641	283234	13.68%	0.203%
543	20.374	20.353	20.387	VV	33358	671005	32.40%	0.482%
544	20.404	20.387	20.415	VV	33760	549236	26.52%	0.394%
545	20.433	20.415	20.437	VV	34895	446952	21.58%	0.321%
546	20.442	20.437	20.447	VV	34898	211054	10.19%	0.152%
547	20.451	20.447	20.471	VV	34591	483291	23.33%	0.347%
548	20.490	20.471	20.511	VV	33345	792997	38.29%	0.570%
549	20.516	20.511	20.533	VV	31391	418081	20.19%	0.300%
550	20.574	20.533	20.590	VV	31926	1058618	51.11%	0.760%
551	20.621	20.590	20.635	VV	30362	809604	39.09%	0.581%
552	20.652	20.635	20.662	VV	29677	471131	22.75%	0.338%
553	20.674	20.662	20.714	VV	29740	864923	41.76%	0.621%
554	20.736	20.714	20.743	VV	24891	427989	20.66%	0.307%
555	20.748	20.743	20.751	VV	24129	109817	5.30%	0.079%
556	20.861	20.751	20.871	VV	29144	1883781	90.95%	1.353%
557	20.880	20.871	20.896	VV	28649	419763	20.27%	0.301%
558	20.900	20.896	20.997	VV	27357	1395092	67.36%	1.002%
559	21.017	20.997	21.033	VV	17675	380983	18.39%	0.274%
560	21.037	21.033	21.048	VV	16796	146718	7.08%	0.105%
561	21.066	21.048	21.096	VV	16791	470368	22.71%	0.338%

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562	21.137	21.096	21.149	VV	16866	516984	24.96%	0.371%
563	21.212	21.149	21.304	VV	17644	1370955	66.19%	0.985%
564	21.321	21.304	21.325	VV	9244	109072	5.27%	0.078%
565	21.397	21.325	21.435	VV	13449	771804	37.26%	0.554%
566	21.463	21.435	21.535	VV	13211	605464	29.23%	0.435%
567	21.611	21.535	21.659	VV	6147	379592	18.33%	0.273%
568	21.675	21.659	21.708	VV	3520	86124	4.16%	0.062%
569	21.732	21.708	21.754	VV	3042	59390	2.87%	0.043%
570	21.767	21.754	21.789	VV	1600	23125	1.12%	0.017%
571	21.795	21.789	21.800	PBA	227	31760	1.53%	0.023%
					Sum of corrected areas:	139233154		

FG040122.M Sat Apr 09 14:26:37 2022