

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071522\
 Data File : FG010143.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2022 15:58
 Sample : N3730-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.633	1.598	1.664	BH	2008	51215	0.40%	0.007%
2	1.680	1.664	1.712	HH	1531	33274	0.26%	0.005%
3	1.719	1.712	1.724	HH	958	6853	0.05%	0.001%
4	1.736	1.724	1.767	HH	977	23065	0.18%	0.003%
5	1.774	1.767	1.786	HH	904	9866	0.08%	0.001%
6	1.790	1.786	1.793	HH	810	3643	0.03%	0.001%
7	1.797	1.793	1.803	HH	808	4650	0.04%	0.001%
8	1.826	1.803	1.869	HH	1014	33932	0.27%	0.005%
9	1.879	1.869	1.883	HH	783	6163	0.05%	0.001%
10	1.890	1.883	1.903	HH	766	8882	0.07%	0.001%
11	1.913	1.903	1.975	HH	770	28450	0.22%	0.004%
12	1.984	1.975	1.993	HH	687	6969	0.05%	0.001%
13	2.018	1.993	2.071	HH	1658	48082	0.38%	0.007%
14	2.098	2.071	2.140	HH	1896	47678	0.37%	0.007%
15	2.174	2.140	2.210	HH	1187	40145	0.31%	0.006%
16	2.224	2.210	2.238	HH	936	14705	0.11%	0.002%
17	2.261	2.238	2.293	HH	873	26274	0.21%	0.004%
18	2.303	2.293	2.332	HH	813	17693	0.14%	0.003%
19	2.336	2.332	2.345	HH	752	5744	0.04%	0.001%
20	2.348	2.345	2.356	HH	756	4584	0.04%	0.001%
21	2.384	2.356	2.406	HH	983	23811	0.19%	0.003%
22	2.413	2.406	2.434	HH	774	12427	0.10%	0.002%
23	2.438	2.434	2.457	HH	703	8766	0.07%	0.001%
24	2.462	2.457	2.468	HH	659	4410	0.03%	0.001%
25	2.499	2.468	2.535	HH	1221	37142	0.29%	0.005%
26	2.541	2.535	2.548	HH	755	5205	0.04%	0.001%
27	2.572	2.548	2.585	HH	855	17799	0.14%	0.003%
28	2.613	2.585	2.618	HH	997	17236	0.13%	0.002%
29	2.629	2.618	2.634	HH	1003	9584	0.07%	0.001%
30	2.648	2.634	2.668	HH	1060	19657	0.15%	0.003%
31	2.693	2.668	2.701	HH	1270	21465	0.17%	0.003%
32	2.719	2.701	2.742	HH	1486	31592	0.25%	0.005%
33	2.759	2.742	2.791	HH	1451	33610	0.26%	0.005%
34	2.813	2.791	2.835	HH	1290	28174	0.22%	0.004%
35	2.840	2.835	2.846	HH	1035	6470	0.05%	0.001%
36	2.849	2.846	2.863	HH	1013	9881	0.08%	0.001%

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37	2.867	2.863	2.901	HH	885	19087	0.15%	0.003%
38	2.929	2.901	2.978	HH	1498	46458	0.36%	0.007%
39	2.995	2.978	3.012	HH	974	17999	0.14%	0.003%
40	3.016	3.012	3.036	HH	916	12540	0.10%	0.002%
41	3.040	3.036	3.045	HH	855	4650	0.04%	0.001%
42	3.075	3.045	3.106	HH	1564	40671	0.32%	0.006%
43	3.119	3.106	3.154	HH	1059	26044	0.20%	0.004%
44	3.164	3.154	3.178	HH	877	11694	0.09%	0.002%
45	3.189	3.178	3.203	HH	927	12800	0.10%	0.002%
46	3.207	3.203	3.224	HH	903	11210	0.09%	0.002%
47	3.230	3.224	3.238	HH	866	6336	0.05%	0.001%
48	3.267	3.238	3.287	HH	1012	27128	0.21%	0.004%
49	3.293	3.287	3.320	HH	1006	18929	0.15%	0.003%
50	3.323	3.320	3.343	HH	929	12091	0.09%	0.002%
51	3.367	3.343	3.375	HH	1085	19045	0.15%	0.003%
52	3.393	3.375	3.402	HH	1161	17617	0.14%	0.003%
53	3.421	3.402	3.446	HH	1680	35741	0.28%	0.005%
54	3.465	3.446	3.498	HH	1177	34144	0.27%	0.005%
55	3.522	3.498	3.554	HH	1801	47143	0.37%	0.007%
56	3.558	3.554	3.573	HH	1295	14141	0.11%	0.002%
57	3.582	3.573	3.589	HH	1234	11315	0.09%	0.002%
58	3.610	3.589	3.633	HH	1428	34707	0.27%	0.005%
59	3.659	3.633	3.672	HH	1633	35133	0.27%	0.005%
60	3.684	3.672	3.691	HH	1518	17071	0.13%	0.002%
61	3.701	3.691	3.728	HH	1592	32335	0.25%	0.005%
62	3.764	3.728	3.771	HH	1701	38773	0.30%	0.006%
63	3.776	3.771	3.780	HH	1716	9565	0.07%	0.001%
64	3.790	3.780	3.818	HH	1739	31547	0.25%	0.005%
65	3.821	3.818	3.827	HH	891	4663	0.04%	0.001%
66	3.894	3.827	3.915	HH	3215	96625	0.76%	0.014%
67	3.928	3.915	3.952	HH	2416	43188	0.34%	0.006%
68	3.966	3.952	3.975	HH	1541	19857	0.16%	0.003%
69	3.981	3.975	4.007	HH	1484	23893	0.19%	0.003%
70	4.049	4.007	4.062	HH	1571	44825	0.35%	0.006%
71	4.074	4.062	4.085	HH	1328	17382	0.14%	0.003%
72	4.099	4.085	4.123	HH	1816	32897	0.26%	0.005%
73	4.126	4.123	4.132	HH	1135	6012	0.05%	0.001%
74	4.148	4.132	4.159	HH	1186	17580	0.14%	0.003%
75	4.163	4.159	4.198	HH	1176	24443	0.19%	0.004%
76	4.211	4.198	4.215	HH	987	9512	0.07%	0.001%
77	4.221	4.215	4.246	HH	1027	17395	0.14%	0.003%
78	4.271	4.246	4.279	HH	1074	19445	0.15%	0.003%
79	4.300	4.279	4.316	HH	1147	23106	0.18%	0.003%
80	4.336	4.316	4.357	HH	2783	43482	0.34%	0.006%
81	4.366	4.357	4.385	HH	1243	18697	0.15%	0.003%
82	4.406	4.385	4.429	HH	1247	30023	0.23%	0.004%
83	4.442	4.429	4.459	HH	1194	19171	0.15%	0.003%
84	4.503	4.459	4.533	HH	4266	79388	0.62%	0.011%
85	4.556	4.533	4.605	HH	3418	83498	0.65%	0.012%
86	4.622	4.605	4.642	HH	1544	29292	0.23%	0.004%
87	4.646	4.642	4.663	HH	1175	13835	0.11%	0.002%
88	4.693	4.663	4.709	HH	1666	38838	0.30%	0.006%
89	4.723	4.709	4.783	HH	1785	61671	0.48%	0.009%

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90	4.797	4.783	4.801	HH	1248	12364	0.10%	0.002%
91	4.805	4.801	4.823	HH	1309	16450	0.13%	0.002%
92	4.837	4.823	4.853	HH	1331	21382	0.17%	0.003%
93	4.857	4.853	4.870	HH	1113	10809	0.08%	0.002%
94	4.888	4.870	4.903	HH	1195	22124	0.17%	0.003%
95	4.911	4.903	4.935	HH	1114	18692	0.15%	0.003%
96	4.975	4.935	5.000	HH	1717	51204	0.40%	0.007%
97	5.012	5.000	5.028	HH	1444	22025	0.17%	0.003%
98	5.049	5.028	5.071	HH	1742	34373	0.27%	0.005%
99	5.091	5.071	5.114	HH	1558	35424	0.28%	0.005%
100	5.118	5.114	5.135	HH	1370	16171	0.13%	0.002%
101	5.157	5.135	5.187	HH	2134	53150	0.42%	0.008%
102	5.217	5.187	5.232	HH	2119	48452	0.38%	0.007%
103	5.246	5.232	5.263	HH	2099	34724	0.27%	0.005%
104	5.279	5.263	5.309	HH	2753	51239	0.40%	0.007%
105	5.317	5.309	5.337	HH	1289	20571	0.16%	0.003%
106	5.351	5.337	5.380	HH	1280	29320	0.23%	0.004%
107	5.404	5.380	5.432	HH	1317	33506	0.26%	0.005%
108	5.436	5.432	5.454	HH	964	11665	0.09%	0.002%
109	5.480	5.454	5.510	HH	3216	58109	0.45%	0.008%
110	5.516	5.510	5.531	HH	1178	13413	0.10%	0.002%
111	5.552	5.531	5.580	HH	1857	41036	0.32%	0.006%
112	5.593	5.580	5.608	HH	1269	19906	0.16%	0.003%
113	5.626	5.608	5.642	HH	1561	26477	0.21%	0.004%
114	5.647	5.642	5.694	HH	1190	34715	0.27%	0.005%
115	5.705	5.694	5.716	HH	1254	15737	0.12%	0.002%
116	5.737	5.716	5.765	HH	2010	45935	0.36%	0.007%
117	5.781	5.765	5.829	HH	1800	55323	0.43%	0.008%
118	5.849	5.829	5.861	HH	1328	22958	0.18%	0.003%
119	5.873	5.861	5.900	HH	1416	31584	0.25%	0.005%
120	5.915	5.900	5.931	HH	1384	24326	0.19%	0.004%
121	5.950	5.931	5.960	HH	1878	28501	0.22%	0.004%
122	5.971	5.960	5.987	HH	1782	25850	0.20%	0.004%
123	6.034	5.987	6.053	HH	10024	143504	1.12%	0.021%
124	6.063	6.053	6.106	HH	2904	66044	0.52%	0.010%
125	6.121	6.106	6.147	HH	1560	33823	0.26%	0.005%
126	6.157	6.147	6.168	HH	1328	16172	0.13%	0.002%
127	6.190	6.168	6.205	HH	1361	27160	0.21%	0.004%
128	6.236	6.205	6.262	HH	1940	50887	0.40%	0.007%
129	6.266	6.262	6.270	HH	1224	5709	0.04%	0.001%
130	6.298	6.270	6.317	HH	1629	38004	0.30%	0.006%
131	6.348	6.317	6.375	HH	2461	56907	0.44%	0.008%
132	6.419	6.375	6.424	HH	1598	43350	0.34%	0.006%
133	6.456	6.424	6.475	HH	1834	50488	0.39%	0.007%
134	6.514	6.475	6.553	HH	2404	76783	0.60%	0.011%
135	6.589	6.553	6.606	HH	1447	41542	0.32%	0.006%
136	6.624	6.606	6.643	HH	1455	28403	0.22%	0.004%
137	6.648	6.643	6.653	HH	1231	7758	0.06%	0.001%
138	6.668	6.653	6.683	HH	1489	23098	0.18%	0.003%
139	6.688	6.683	6.717	HH	1416	26123	0.20%	0.004%
140	6.719	6.717	6.731	HH	1165	9555	0.07%	0.001%
141	6.746	6.731	6.751	HH	1189	13337	0.10%	0.002%

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142	6.777	6.751	6.799	HH	1293	33632	0.26%	0.005%
143	6.826	6.799	6.851	HH	1679	43108	0.34%	0.006%
144	6.858	6.851	6.866	HH	1274	11134	0.09%	0.002%
145	6.872	6.866	6.886	HH	1250	14295	0.11%	0.002%
146	6.906	6.886	6.926	HH	1741	32147	0.25%	0.005%
147	6.942	6.926	6.975	HH	1287	34143	0.27%	0.005%
148	7.002	6.975	7.028	HH	4016	77402	0.61%	0.011%
149	7.032	7.028	7.073	HH	2231	52461	0.41%	0.008%
150	7.075	7.073	7.082	HH	1769	9371	0.07%	0.001%
151	7.087	7.082	7.100	HH	1726	18271	0.14%	0.003%
152	7.131	7.100	7.156	HH	7054	107078	0.84%	0.016%
153	7.171	7.156	7.191	HH	2082	37224	0.29%	0.005%
154	7.195	7.191	7.213	HH	1592	20600	0.16%	0.003%
155	7.234	7.213	7.249	HH	2043	36299	0.28%	0.005%
156	7.267	7.249	7.307	HH	7191	103390	0.81%	0.015%
157	7.327	7.307	7.350	HH	2173	43789	0.34%	0.006%
158	7.355	7.350	7.370	HH	1554	18457	0.14%	0.003%
159	7.394	7.370	7.437	HH	10200	145434	1.14%	0.021%
160	7.462	7.437	7.474	HH	2631	42102	0.33%	0.006%
161	7.493	7.474	7.527	HH	2895	73703	0.58%	0.011%
162	7.535	7.527	7.558	HH	1833	32118	0.25%	0.005%
163	7.570	7.558	7.605	HH	1840	45411	0.36%	0.007%
164	7.609	7.605	7.613	HH	1424	6428	0.05%	0.001%
165	7.635	7.613	7.659	HH	1601	41163	0.32%	0.006%
166	7.677	7.659	7.714	HH	1552	46275	0.36%	0.007%
167	7.736	7.714	7.759	HH	1976	40730	0.32%	0.006%
168	7.796	7.759	7.815	HH	1745	48499	0.38%	0.007%
169	7.826	7.815	7.844	HH	1497	24445	0.19%	0.004%
170	7.876	7.844	7.964	HH	4415	169041	1.32%	0.024%
171	7.972	7.964	7.982	HH	1657	17679	0.14%	0.003%
172	8.000	7.982	8.009	HH	1723	26669	0.21%	0.004%
173	8.030	8.009	8.054	HH	3046	62341	0.49%	0.009%
174	8.063	8.054	8.072	HH	1845	19070	0.15%	0.003%
175	8.094	8.072	8.107	HH	2165	41324	0.32%	0.006%
176	8.127	8.107	8.134	HH	4438	55618	0.43%	0.008%
177	8.142	8.134	8.156	HH	4413	51674	0.40%	0.007%
178	8.166	8.156	8.199	HH	3394	67936	0.53%	0.010%
179	8.246	8.199	8.262	HH	10806	180271	1.41%	0.026%
180	8.274	8.262	8.290	HH	6759	81050	0.63%	0.012%
181	8.303	8.290	8.318	HH	4759	65454	0.51%	0.009%
182	8.342	8.318	8.376	HH	4933	122948	0.96%	0.018%
183	8.428	8.376	8.501	HH	50785	831812	6.50%	0.120%
184	8.519	8.501	8.553	HH	5103	103664	0.81%	0.015%
185	8.571	8.553	8.594	HH	3303	63484	0.50%	0.009%
186	8.615	8.594	8.620	HH	2578	35789	0.28%	0.005%
187	8.636	8.620	8.657	HH	3061	60265	0.47%	0.009%
188	8.677	8.657	8.702	HH	3406	75659	0.59%	0.011%
189	8.726	8.702	8.752	HH	22255	270425	2.11%	0.039%
190	8.781	8.752	8.803	HH	5235	108462	0.85%	0.016%
191	8.813	8.803	8.826	HH	2930	38313	0.30%	0.006%
192	8.848	8.826	8.863	HH	3509	64650	0.51%	0.009%
193	8.884	8.863	8.918	HH	3908	108259	0.85%	0.016%
194	8.939	8.918	8.943	HH	3500	49872	0.39%	0.007%

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195	8.971	8.943	8.986	HH	8020	139350	1.09%	0.020%
196	9.002	8.986	9.030	HH	13871	190598	1.49%	0.028%
197	9.053	9.030	9.057	HH	3497	51369	0.40%	0.007%
198	9.079	9.057	9.124	HH	5588	156146	1.22%	0.023%
199	9.144	9.124	9.157	HH	5810	82283	0.64%	0.012%
200	9.181	9.157	9.225	HH	8897	197985	1.55%	0.029%
201	9.249	9.225	9.273	HH	3502	83345	0.65%	0.012%
202	9.299	9.273	9.316	HH	7165	110129	0.86%	0.016%
203	9.331	9.316	9.352	HH	6120	89087	0.70%	0.013%
204	9.379	9.352	9.401	HH	6568	122648	0.96%	0.018%
205	9.435	9.401	9.456	HH	7084	140692	1.10%	0.020%
206	9.474	9.456	9.482	HH	4969	63464	0.50%	0.009%
207	9.513	9.482	9.570	HH	24042	483033	3.78%	0.070%
208	9.598	9.570	9.616	HH	8285	143226	1.12%	0.021%
209	9.635	9.616	9.645	HH	5940	88512	0.69%	0.013%
210	9.665	9.645	9.690	HH	11563	206293	1.61%	0.030%
211	9.703	9.690	9.709	HH	4166	44690	0.35%	0.006%
212	9.728	9.709	9.753	HH	7934	141184	1.10%	0.020%
213	9.776	9.753	9.811	HH	7167	167375	1.31%	0.024%
214	9.840	9.811	9.861	HH	13288	220963	1.73%	0.032%
215	9.880	9.861	9.913	HH	5328	148803	1.16%	0.022%
216	9.942	9.913	9.984	HH	17130	378224	2.96%	0.055%
217	10.001	9.984	10.024	HH	5796	109617	0.86%	0.016%
218	10.039	10.024	10.072	HH	4130	102253	0.80%	0.015%
219	10.108	10.072	10.132	HH	4860	134293	1.05%	0.019%
220	10.145	10.132	10.169	HH	3218	67248	0.53%	0.010%
221	10.189	10.169	10.199	HH	3384	56069	0.44%	0.008%
222	10.218	10.199	10.233	HH	3305	65290	0.51%	0.009%
223	10.267	10.233	10.284	HH	5541	131152	1.03%	0.019%
224	10.299	10.284	10.306	HH	4416	54036	0.42%	0.008%
225	10.316	10.306	10.325	HH	4503	51046	0.40%	0.007%
226	10.342	10.325	10.352	HH	4881	71721	0.56%	0.010%
227	10.377	10.352	10.384	HH	8818	133707	1.05%	0.019%
228	10.400	10.384	10.421	HH	12432	204205	1.60%	0.030%
229	10.438	10.421	10.472	HH	9023	187613	1.47%	0.027%
230	10.522	10.472	10.546	HH	10872	312782	2.45%	0.045%
231	10.566	10.546	10.625	HH	23212	479530	3.75%	0.069%
232	10.647	10.625	10.668	HH	8002	169114	1.32%	0.024%
233	10.692	10.668	10.704	HH	18124	263873	2.06%	0.038%
234	10.720	10.704	10.741	HH	21860	347862	2.72%	0.050%
235	10.750	10.741	10.766	HH	8956	120155	0.94%	0.017%
236	10.771	10.766	10.783	HH	7609	77602	0.61%	0.011%
237	10.793	10.783	10.805	HH	7798	95446	0.75%	0.014%
238	10.822	10.805	10.841	HH	11179	185374	1.45%	0.027%
239	10.865	10.841	10.870	HH	6888	116298	0.91%	0.017%
240	10.885	10.870	10.892	HH	8799	103854	0.81%	0.015%
241	10.920	10.892	10.954	HH	334393	3734286	29.20%	0.541%
242	10.992	10.954	11.039	HH	92212	1397814	10.93%	0.202%
243	11.052	11.039	11.083	HH	7414	180672	1.41%	0.026%
244	11.109	11.083	11.128	HH	7055	168195	1.32%	0.024%
245	11.162	11.128	11.185	HH	10146	253565	1.98%	0.037%
246	11.212	11.185	11.257	HH	29814	541385	4.23%	0.078%

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247	11.281	11.257	11.297	HH	6851	153001	1.20%	0.022%
248	11.331	11.297	11.345	HH	9444	239191	1.87%	0.035%
249	11.363	11.345	11.379	HH	9627	179274	1.40%	0.026%
250	11.414	11.379	11.448	HH	22937	605889	4.74%	0.088%
251	11.463	11.448	11.503	HH	21218	423882	3.31%	0.061%
252	11.526	11.503	11.547	HH	15033	293102	2.29%	0.042%
253	11.582	11.547	11.600	HH	16233	401657	3.14%	0.058%
254	11.610	11.600	11.622	HH	12604	156757	1.23%	0.023%
255	11.641	11.622	11.681	HH	22355	503818	3.94%	0.073%
256	11.723	11.681	11.737	HH	51908	800026	6.26%	0.116%
257	11.753	11.737	11.780	HH	65488	850445	6.65%	0.123%
258	11.834	11.780	11.852	HH	52862	1137748	8.90%	0.165%
259	11.870	11.852	11.884	HH	38541	502739	3.93%	0.073%
260	11.900	11.884	11.936	HH	49777	814782	6.37%	0.118%
261	11.952	11.936	11.968	HH	11539	202677	1.58%	0.029%
262	11.986	11.968	12.016	HH	13194	320559	2.51%	0.046%
263	12.078	12.016	12.101	HH	45586	967389	7.56%	0.140%
264	12.117	12.101	12.138	HH	17398	320348	2.50%	0.046%
265	12.163	12.138	12.177	HH	18051	363417	2.84%	0.053%
266	12.196	12.177	12.213	HH	40552	595061	4.65%	0.086%
267	12.220	12.213	12.239	HH	20008	268585	2.10%	0.039%
268	12.249	12.239	12.277	HH	14189	276892	2.17%	0.040%
269	12.323	12.277	12.366	HH	135946	2257698	17.65%	0.327%
270	12.370	12.366	12.387	HH	14107	168249	1.32%	0.024%
271	12.399	12.387	12.412	HH	13505	197326	1.54%	0.029%
272	12.446	12.412	12.462	HH	17382	448170	3.50%	0.065%
273	12.470	12.462	12.494	HH	16741	284318	2.22%	0.041%
274	12.515	12.494	12.528	HH	23640	371645	2.91%	0.054%
275	12.532	12.528	12.548	HH	19809	220286	1.72%	0.032%
276	12.570	12.548	12.587	HH	35734	590650	4.62%	0.086%
277	12.625	12.587	12.645	HH	43657	1013875	7.93%	0.147%
278	12.662	12.645	12.677	HH	27614	468017	3.66%	0.068%
279	12.691	12.677	12.706	HH	26713	420418	3.29%	0.061%
280	12.743	12.706	12.786	HH	490539	6434931	50.32%	0.932%
281	12.800	12.786	12.818	HH	18401	305665	2.39%	0.044%
282	12.841	12.818	12.852	HH	18828	332135	2.60%	0.048%
283	12.873	12.852	12.893	HH	38080	653657	5.11%	0.095%
284	12.920	12.893	12.936	HH	31854	694765	5.43%	0.101%
285	12.949	12.936	12.972	HH	28334	548379	4.29%	0.079%
286	12.979	12.972	13.002	HH	23053	367640	2.87%	0.053%
287	13.039	13.002	13.063	HH	408935	5208678	40.73%	0.754%
288	13.092	13.063	13.107	HH	49856	850776	6.65%	0.123%
289	13.125	13.107	13.158	HH	61985	1031576	8.07%	0.149%
290	13.180	13.158	13.187	HH	17861	281305	2.20%	0.041%
291	13.211	13.187	13.225	HH	32196	581585	4.55%	0.084%
292	13.231	13.225	13.268	HH	28557	552842	4.32%	0.080%
293	13.304	13.268	13.318	HH	43110	798360	6.24%	0.116%
294	13.331	13.318	13.357	HH	40277	733653	5.74%	0.106%
295	13.383	13.357	13.404	HH	48557	933322	7.30%	0.135%
296	13.434	13.404	13.456	HH	37110	886516	6.93%	0.128%
297	13.497	13.456	13.527	HH	48826	1335711	10.44%	0.193%
298	13.552	13.527	13.579	HH	87389	1414868	11.06%	0.205%
299	13.625	13.579	13.665	HH	81036	2052720	16.05%	0.297%

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300	13.697	13.665	13.712	HH	25677	631050	4.93%	0.091%
301	13.735	13.712	13.753	HH	48506	861057	6.73%	0.125%
302	13.771	13.753	13.792	HH	59129	928774	7.26%	0.135%
303	13.812	13.792	13.834	HH	29107	658272	5.15%	0.095%
304	13.871	13.834	13.876	HH	35141	735701	5.75%	0.107%
305	13.900	13.876	13.921	HH	58921	1188570	9.29%	0.172%
306	13.940	13.921	13.986	HH	53731	1321831	10.34%	0.191%
307	14.015	13.986	14.034	HH	31442	789594	6.17%	0.114%
308	14.049	14.034	14.078	HH	28942	705369	5.52%	0.102%
309	14.106	14.078	14.139	HH	34114	1035091	8.09%	0.150%
310	14.150	14.139	14.173	HH	28091	522785	4.09%	0.076%
311	14.182	14.173	14.199	HH	25317	383183	3.00%	0.055%
312	14.212	14.199	14.232	HH	24545	460102	3.60%	0.067%
313	14.272	14.232	14.284	HH	29145	791676	6.19%	0.115%
314	14.321	14.284	14.341	HH	43347	1250151	9.78%	0.181%
315	14.362	14.341	14.395	HH	75150	1465247	11.46%	0.212%
316	14.413	14.395	14.423	HH	29095	465241	3.64%	0.067%
317	14.471	14.423	14.506	HH	42872	1740240	13.61%	0.252%
318	14.534	14.506	14.555	HH	64649	1391632	10.88%	0.202%
319	14.568	14.555	14.581	HH	44670	628400	4.91%	0.091%
320	14.602	14.581	14.624	HH	103825	1672598	13.08%	0.242%
321	14.666	14.624	14.708	HH	81048	2402858	18.79%	0.348%
322	14.728	14.708	14.739	HH	37282	643422	5.03%	0.093%
323	14.759	14.739	14.772	HH	41613	795149	6.22%	0.115%
324	14.811	14.772	14.844	HH	147852	3081099	24.09%	0.446%
325	14.868	14.844	14.887	HH	53771	1060981	8.30%	0.154%
326	14.919	14.887	14.939	HH	275468	4135585	32.34%	0.599%
327	14.960	14.939	14.990	HH	272143	3864050	30.22%	0.560%
328	15.013	14.990	15.037	HH	46706	1107360	8.66%	0.160%
329	15.076	15.037	15.135	HH	83114	2898364	22.66%	0.420%
330	15.159	15.135	15.195	HH	54283	1547014	12.10%	0.224%
331	15.221	15.195	15.240	HH	60392	1327432	10.38%	0.192%
332	15.251	15.240	15.268	HH	53880	832648	6.51%	0.121%
333	15.289	15.268	15.317	HH	50291	1354348	10.59%	0.196%
334	15.362	15.317	15.372	HH	54782	1519000	11.88%	0.220%
335	15.395	15.372	15.439	HH	104943	2772283	21.68%	0.402%
336	15.444	15.439	15.448	HH	45392	242225	1.89%	0.035%
337	15.450	15.448	15.472	HH	45354	631155	4.94%	0.091%
338	15.502	15.472	15.515	HH	46634	1169140	9.14%	0.169%
339	15.544	15.515	15.565	HH	70271	1775655	13.88%	0.257%
340	15.592	15.565	15.612	HH	105408	2128385	16.64%	0.308%
341	15.629	15.612	15.656	HH	68202	1515946	11.85%	0.220%
342	15.671	15.656	15.687	HH	53466	920269	7.20%	0.133%
343	15.752	15.687	15.790	HH	78933	3782928	29.58%	0.548%
344	15.834	15.790	15.888	HH	56744	2975967	23.27%	0.431%
345	15.915	15.888	15.935	HH	62754	1533356	11.99%	0.222%
346	15.953	15.935	15.974	HH	61882	1304256	10.20%	0.189%
347	15.990	15.974	16.000	HH	55384	834793	6.53%	0.121%
348	16.018	16.000	16.028	HH	58612	947403	7.41%	0.137%
349	16.037	16.028	16.072	HH	57990	1394951	10.91%	0.202%
350	16.098	16.072	16.124	HH	54655	1611308	12.60%	0.233%
351	16.129	16.124	16.138	HH	51243	413289	3.23%	0.060%

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352	16.145	16.138	16.165	HH	50701	825090	6.45%	0.119%
353	16.204	16.165	16.223	HH	66858	1990369	15.56%	0.288%
354	16.229	16.223	16.243	HH	57093	664945	5.20%	0.096%
355	16.262	16.243	16.281	HH	65825	1360081	10.64%	0.197%
356	16.301	16.281	16.305	HH	60136	849700	6.64%	0.123%
357	16.317	16.305	16.337	HH	60637	1122359	8.78%	0.163%
358	16.411	16.337	16.445	HH	137999	5057460	39.55%	0.732%
359	16.482	16.445	16.498	HH	306256	5515426	43.13%	0.799%
360	16.508	16.498	16.549	HH	178511	3288137	25.71%	0.476%
361	16.607	16.549	16.629	HH	119072	3659939	28.62%	0.530%
362	16.647	16.629	16.682	HH	72132	2128385	16.64%	0.308%
363	16.693	16.682	16.702	HH	65027	737654	5.77%	0.107%
364	16.727	16.702	16.749	HH	77270	2010272	15.72%	0.291%
365	16.799	16.749	16.825	HH	234314	5687263	44.47%	0.824%
366	16.858	16.825	16.909	HH	277209	6210631	48.56%	0.899%
367	16.926	16.909	16.930	HH	75364	943307	7.38%	0.137%
368	16.956	16.930	16.979	HH	130971	2820023	22.05%	0.408%
369	16.994	16.979	17.044	HH	88916	3282583	25.67%	0.475%
370	17.065	17.044	17.085	HH	103112	2234984	17.48%	0.324%
371	17.100	17.085	17.142	HH	90402	2867747	22.42%	0.415%
372	17.159	17.142	17.183	HH	80277	1915192	14.98%	0.277%
373	17.228	17.183	17.254	HH	98862	3729924	29.17%	0.540%
374	17.261	17.254	17.287	HH	85494	1646491	12.87%	0.238%
375	17.357	17.287	17.410	HH	164358	7557069	59.09%	1.094%
376	17.441	17.410	17.488	HH	177161	5393760	42.18%	0.781%
377	17.517	17.488	17.543	HH	107343	3218978	25.17%	0.466%
378	17.551	17.543	17.569	HH	94770	1493049	11.68%	0.216%
379	17.584	17.569	17.597	HH	93177	1517663	11.87%	0.220%
380	17.632	17.597	17.659	HH	95023	3396591	26.56%	0.492%
381	17.682	17.659	17.688	HH	92090	1561390	12.21%	0.226%
382	17.691	17.688	17.704	HH	91541	878346	6.87%	0.127%
383	17.710	17.704	17.715	HH	90934	599705	4.69%	0.087%
384	17.724	17.715	17.739	HH	92011	1326639	10.37%	0.192%
385	17.780	17.739	17.788	HH	97171	2776531	21.71%	0.402%
386	17.847	17.788	17.864	HH	111635	4815820	37.66%	0.697%
387	17.880	17.864	17.899	HH	115787	2316283	18.11%	0.335%
388	17.963	17.899	17.982	HH	131954	5835810	45.63%	0.845%
389	18.004	17.982	18.047	HH	134166	4738469	37.05%	0.686%
390	18.084	18.047	18.112	HH	135852	4616459	36.10%	0.669%
391	18.139	18.112	18.196	HH	151943	6429334	50.27%	0.931%
392	18.232	18.196	18.258	HH	303550	7124976	55.71%	1.032%
393	18.304	18.258	18.332	HH	213526	7500557	58.65%	1.086%
394	18.364	18.332	18.379	HH	167174	4074039	31.86%	0.590%
395	18.396	18.379	18.457	HH	162561	6529714	51.06%	0.946%
396	18.487	18.457	18.520	HH	276737	6609783	51.69%	0.957%
397	18.567	18.520	18.589	HH	136203	5243601	41.00%	0.759%
398	18.612	18.589	18.642	HH	168812	4583071	35.84%	0.664%
399	18.678	18.642	18.691	HH	142998	3927377	30.71%	0.569%
400	18.713	18.691	18.739	HH	156357	4236844	33.13%	0.614%
401	18.748	18.739	18.768	HH	139252	2420281	18.93%	0.351%
402	18.811	18.768	18.871	HH	186977	9520485	74.45%	1.379%
403	18.903	18.871	18.939	HH	161560	6141003	48.02%	0.889%
404	18.962	18.939	18.971	HH	152193	2818290	22.04%	0.408%

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405	18.999	18.971	19.016	HH	176457	4343458	33.96%	0.629%
406	19.049	19.016	19.084	HH	356442	10440341	81.64%	1.512%
407	19.090	19.084	19.142	HH	223947	6994108	54.69%	1.013%
408	19.167	19.142	19.190	HH	205417	5400288	42.23%	0.782%
409	19.210	19.190	19.254	HH	203744	6920030	54.11%	1.002%
410	19.264	19.254	19.272	HH	155505	1702948	13.32%	0.247%
411	19.324	19.272	19.363	HH	224473	10240982	80.08%	1.483%
412	19.377	19.363	19.408	HH	183092	4623062	36.15%	0.670%
413	19.418	19.408	19.435	HH	166993	2739612	21.42%	0.397%
414	19.443	19.435	19.462	HH	164747	2579746	20.17%	0.374%
415	19.502	19.462	19.517	HH	190097	5800745	45.36%	0.840%
416	19.539	19.517	19.559	HH	210879	4843914	37.88%	0.702%
417	19.578	19.559	19.591	HH	194244	3722337	29.11%	0.539%
418	19.607	19.591	19.622	HH	194091	3457101	27.03%	0.501%
419	19.653	19.622	19.676	HH	253207	7024748	54.93%	1.017%
420	19.684	19.676	19.694	HH	203230	2224996	17.40%	0.322%
421	19.722	19.694	19.785	HH	247487	11925921	93.26%	1.727%
422	19.816	19.785	19.840	HH	353162	8781255	68.67%	1.272%
423	19.850	19.840	19.883	HH	208652	5173233	40.45%	0.749%
424	19.904	19.883	19.914	HH	199198	3667298	28.68%	0.531%
425	19.931	19.914	19.956	HH	208766	5023078	39.28%	0.727%
426	19.965	19.956	19.971	HH	191660	1697345	13.27%	0.246%
427	20.030	19.971	20.065	HH	278966	12750874	99.71%	1.847%
428	20.094	20.065	20.134	HH	228144	8610536	67.33%	1.247%
429	20.148	20.134	20.164	HH	210513	3806296	29.76%	0.551%
430	20.170	20.164	20.206	HH	208621	4985326	38.98%	0.722%
431	20.219	20.206	20.224	HH	204229	2211923	17.30%	0.320%
432	20.240	20.224	20.255	HH	213045	3871509	30.27%	0.561%
433	20.266	20.255	20.272	HH	203955	1976229	15.45%	0.286%
434	20.287	20.272	20.307	HH	212455	4460092	34.88%	0.646%
435	20.314	20.307	20.342	HH	207808	4243110	33.18%	0.615%
436	20.386	20.342	20.427	HH	222979	10477822	81.93%	1.517%
437	20.431	20.427	20.434	HH	199455	866250	6.77%	0.125%
438	20.474	20.434	20.478	HH	206566	5311478	41.53%	0.769%
439	20.509	20.478	20.527	HH	225591	6399343	50.04%	0.927%
440	20.536	20.527	20.541	HH	229721	1945566	15.21%	0.282%
441	20.552	20.541	20.583	HH	230630	5544477	43.36%	0.803%
442	20.593	20.583	20.617	HH	219772	4332851	33.88%	0.628%
443	20.650	20.617	20.664	HH	215475	5911558	46.23%	0.856%
444	20.677	20.664	20.695	HH	218633	4025708	31.48%	0.583%
445	20.705	20.695	20.710	HH	219861	2042826	15.97%	0.296%
446	20.718	20.710	20.726	HH	220438	2100598	16.43%	0.304%
447	20.733	20.726	20.747	HH	218479	2674865	20.92%	0.387%
448	20.752	20.747	20.783	HH	218502	4611001	36.06%	0.668%
449	20.793	20.783	20.799	HH	210614	2042225	15.97%	0.296%
450	20.803	20.799	20.810	HH	209810	1401660	10.96%	0.203%
451	20.833	20.810	20.840	HH	210782	3675644	28.74%	0.532%
452	20.845	20.840	20.870	HH	210863	3664045	28.65%	0.531%
453	20.880	20.870	20.885	HH	202478	1816896	14.21%	0.263%
454	20.890	20.885	20.910	HH	202759	2988693	23.37%	0.433%
455	20.915	20.910	20.919	HH	199270	1074542	8.40%	0.156%
456	20.948	20.919	20.956	HH	210775	4593330	35.92%	0.665%

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457	20.962	20.956	20.973	HH	209541	2146560	16.79%	0.311%
458	21.033	20.973	21.071	HH	229328	12788379	100.00%	1.852%
459	21.086	21.071	21.095	HH	210741	2934883	22.95%	0.425%
460	21.101	21.095	21.162	HH	208653	8021053	62.72%	1.162%
461	21.172	21.162	21.184	HH	194177	2473459	19.34%	0.358%
462	21.196	21.184	21.234	HH	194957	5732753	44.83%	0.830%
463	21.257	21.234	21.270	HH	199909	4287577	33.53%	0.621%
464	21.287	21.270	21.318	HH	204154	5726297	44.78%	0.829%
465	21.371	21.318	21.413	HH	232663	12391235	96.89%	1.795%
466	21.424	21.413	21.429	HH	206683	2020724	15.80%	0.293%
467	21.433	21.429	21.447	HH	205892	2179292	17.04%	0.316%
468	21.451	21.447	21.509	HH	197508	6931344	54.20%	1.004%
469	21.514	21.509	21.522	HH	185764	1424068	11.14%	0.206%
470	21.528	21.522	21.540	HH	184643	2021996	15.81%	0.293%
471	21.567	21.540	21.599	HH	186619	6392218	49.98%	0.926%
472	21.642	21.599	21.688	HH	205145	10178018	79.59%	1.474%
473	21.723	21.688	21.746	HH	200653	6781266	53.03%	0.982%
474	21.775	21.746	21.788	HH	195169	4763142	37.25%	0.690%
475	21.793	21.788	21.795	HH	186575	839419	6.56%	0.122%
476	21.816	21.795	21.844	HH	192419	5380046	42.07%	0.779%
477	21.856	21.844	21.884	HH	177832	4203736	32.87%	0.609%
478	21.905	21.884	21.910	HH	168948	2544020	19.89%	0.368%
479	21.916	21.910	21.924	HH	169654	1420344	11.11%	0.206%
480	21.933	21.924	21.941	HH	169791	1773904	13.87%	0.257%
481	21.963	21.941	21.974	HH	175695	3442615	26.92%	0.499%
482	21.981	21.974	21.993	HH	174009	1919472	15.01%	0.278%
					Sum of corrected areas:		690473853	

FG062922.M Mon Jul 18 13:28:17 2022