

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031619\
Data File : FG004243.D
Signal(s) : FID1A.ch
Acq On : 16 Mar 2019 04:45
Operator : AJ\SJ
Sample : K1685-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
AU-05-031419-D

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Integration File: autoint1.e
Quant Time: Mar 16 05:42:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030419.M
Quant Title :
QLast Update : Tue Mar 05 03:05:54 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.436	339791	2.703 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

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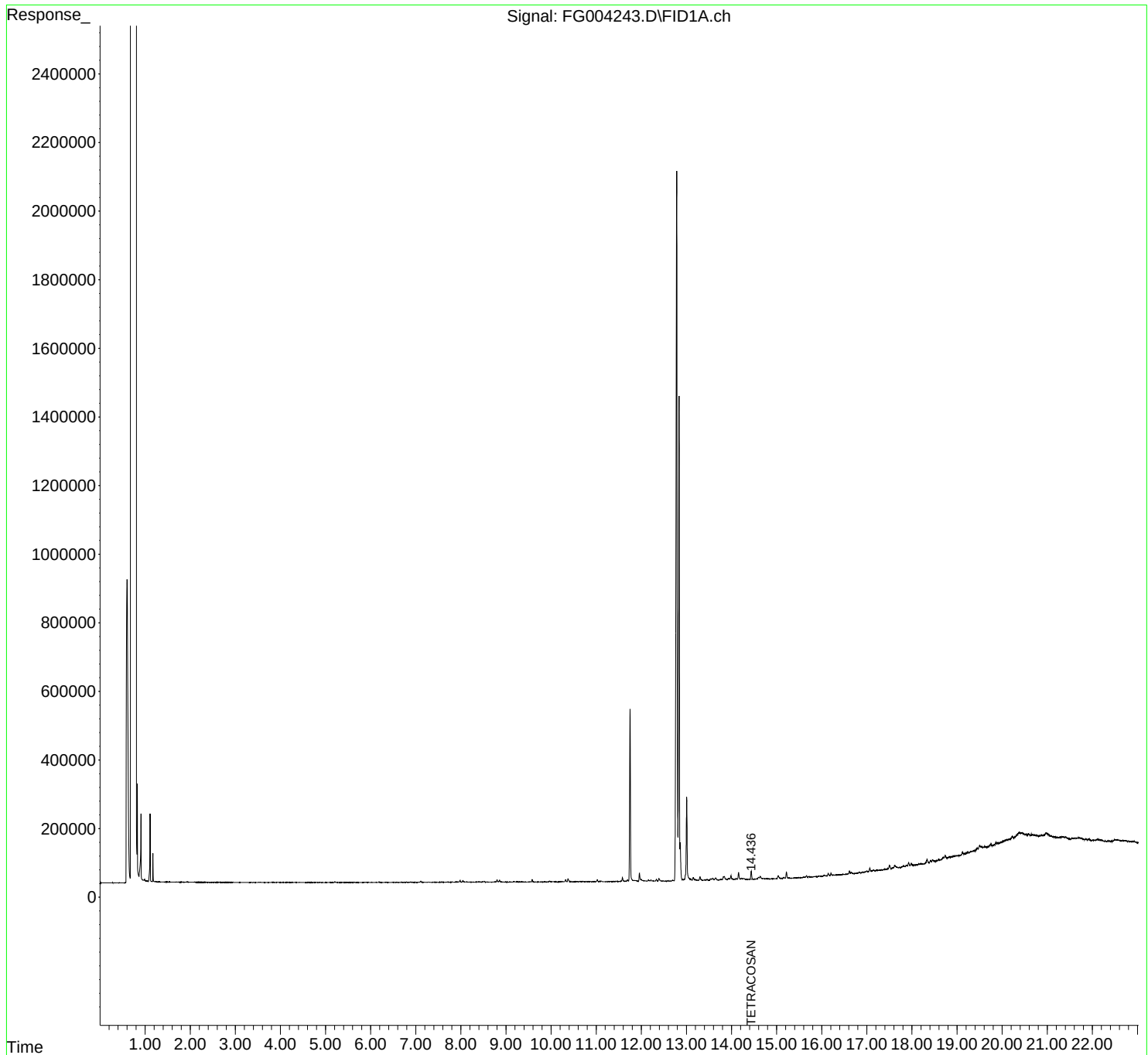
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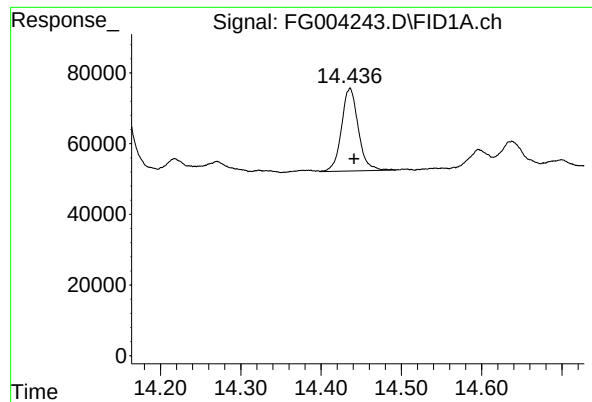
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.436 min
Delta R.T.: -0.005 min
Response: 339791
Conc: 2.70 ug/ml m

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Area Percent Report

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ALS Vial : 28 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030419.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.037	3.005	3.065	BH	69	124	0.00%	0.000%
2	3.069	3.065	3.075	PH	21	50	0.00%	0.000%
3	3.099	3.075	3.165	PH	187	1962	0.01%	0.002%
4	3.193	3.165	3.228	PH	12	-2266	-0.01%	-0.002%
5	3.235	3.228	3.252	PH	-27	-722	-0.00%	-0.001%
6	3.264	3.252	3.342	PH	21	-5130	-0.01%	-0.005%
7	3.353	3.342	3.378	PH	48	-958	-0.00%	-0.001%
8	3.385	3.378	3.403	PH	-46	-934	-0.00%	-0.001%
9	3.411	3.403	3.439	PH	-57	-2386	-0.01%	-0.002%
10	3.467	3.439	3.505	PH	76	-3163	-0.01%	-0.003%
11	3.537	3.505	3.565	PH	-1	-3766	-0.01%	-0.004%
12	3.583	3.565	3.615	PH	13	-1962	-0.01%	-0.002%
13	3.625	3.615	3.657	PH	17	-2877	-0.01%	-0.003%
14	3.674	3.657	3.732	PH	18	-4294	-0.01%	-0.004%
15	3.762	3.732	3.778	PH	70	-1876	-0.01%	-0.002%
16	3.787	3.778	3.804	PH	-14	-332	-0.00%	-0.000%
17	3.856	3.804	3.898	PH	276	6405	0.02%	0.006%
18	3.938	3.898	3.988	HH	515	14391	0.04%	0.014%
19	3.996	3.988	4.052	HH	214	4812	0.01%	0.005%
20	4.068	4.052	4.092	HH	153	2317	0.01%	0.002%
21	4.111	4.092	4.132	HH	175	3269	0.01%	0.003%
22	4.165	4.132	4.190	HH	707	9650	0.03%	0.009%
23	4.204	4.190	4.220	HH	238	2979	0.01%	0.003%
24	4.231	4.220	4.251	HH	165	2116	0.01%	0.002%
25	4.267	4.251	4.295	HH	146	952	0.00%	0.001%
26	4.321	4.295	4.338	PH	352	3121	0.01%	0.003%
27	4.347	4.338	4.400	HH	184	3039	0.01%	0.003%
28	4.417	4.400	4.431	PH	258	1955	0.01%	0.002%
29	4.442	4.431	4.456	PH	90	486	0.00%	0.000%
30	4.487	4.456	4.518	PH	48	-1702	-0.00%	-0.002%
31	4.540	4.518	4.562	PH	-4	-2487	-0.01%	-0.002%
32	4.581	4.562	4.602	PH	-50	-3003	-0.01%	-0.003%
33	4.623	4.602	4.663	PH	199	-4253	-0.01%	-0.004%
34	4.688	4.663	4.708	PH	-127	-6487	-0.02%	-0.006%
35	4.724	4.708	4.745	PH	-243	-6700	-0.02%	-0.006%
36	4.776	4.745	4.791	PH	-81	-5837	-0.02%	-0.006%

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					rt	Area	Height	Area%	Height%
37	4.806	4.791	4.831	PH	-5	-3896	-0.01%	-0.004%	
38	4.847	4.831	4.862	PH	-18	-2803	-0.01%	-0.003%	
39	4.876	4.862	4.891	PH	-107	-2384	-0.01%	-0.002%	
40	4.908	4.891	4.943	PH	-84	-6156	-0.02%	-0.006%	
41	4.965	4.943	4.981	PH	-263	-6878	-0.02%	-0.007%	
42	4.999	4.981	5.012	PH	-204	-5016	-0.01%	-0.005%	
43	5.079	5.012	5.142	PH	70	-10744	-0.03%	-0.010%	
44	5.149	5.142	5.185	PH	-200	-8013	-0.02%	-0.008%	
45	5.207	5.185	5.265	PH	1347	11368	0.03%	0.011%	
46	5.286	5.265	5.305	PH	-0	-2882	-0.01%	-0.003%	
47	5.318	5.305	5.357	PH	-148	-6426	-0.02%	-0.006%	
48	5.377	5.357	5.435	PH	283	-3066	-0.01%	-0.003%	
49	5.453	5.435	5.468	PH	-129	-4544	-0.01%	-0.004%	
50	5.489	5.468	5.525	PH	291	949	0.00%	0.001%	
51	5.547	5.525	5.556	PH	-116	-3198	-0.01%	-0.003%	
52	5.575	5.556	5.638	PH	111	-8259	-0.02%	-0.008%	
53	5.658	5.638	5.673	PH	6	-3693	-0.01%	-0.004%	
54	5.705	5.673	5.728	PH	17	-5361	-0.02%	-0.005%	
55	5.758	5.728	5.775	PH	-6	-2631	-0.01%	-0.003%	
56	5.801	5.775	5.822	PH	93	-776	-0.00%	-0.001%	
57	5.843	5.822	5.864	PH	297	426	0.00%	0.000%	
58	5.908	5.864	5.952	PH	896	13057	0.04%	0.013%	
59	5.965	5.952	5.997	PH	62	-964	-0.00%	-0.001%	
60	6.015	5.997	6.044	PH	131	-1087	-0.00%	-0.001%	
61	6.113	6.044	6.164	PH	285	2654	0.01%	0.003%	
62	6.188	6.164	6.235	PH	2167	22251	0.06%	0.021%	
63	6.267	6.235	6.288	PH	-8	-3357	-0.01%	-0.003%	
64	6.304	6.288	6.315	PH	119	286	0.00%	0.000%	
65	6.334	6.315	6.393	PH	983	11149	0.03%	0.011%	
66	6.404	6.393	6.418	PH	-52	-1177	-0.00%	-0.001%	
67	6.434	6.418	6.444	PH	30	-433	-0.00%	-0.000%	
68	6.461	6.444	6.482	PH	308	2283	0.01%	0.002%	
69	6.502	6.482	6.525	PH	222	1987	0.01%	0.002%	
70	6.534	6.525	6.550	HH	53	-221	-0.00%	-0.000%	
71	6.579	6.550	6.610	PH	941	10075	0.03%	0.010%	
72	6.627	6.610	6.645	PH	116	709	0.00%	0.001%	
73	6.700	6.645	6.722	HH	726	13558	0.04%	0.013%	
74	6.743	6.722	6.772	HH	794	12326	0.03%	0.012%	
75	6.804	6.772	6.832	HH	892	20549	0.06%	0.020%	
76	6.847	6.832	6.864	HH	638	6933	0.02%	0.007%	
77	6.888	6.864	6.928	HH	1603	23777	0.07%	0.023%	
78	6.945	6.928	6.966	HH	583	8333	0.02%	0.008%	
79	6.984	6.966	6.999	HH	523	6592	0.02%	0.006%	
80	7.012	6.999	7.027	HH	427	4406	0.01%	0.004%	
81	7.111	7.027	7.162	HH	4085	83698	0.24%	0.081%	
82	7.175	7.162	7.218	HH	814	17651	0.05%	0.017%	
83	7.230	7.218	7.252	HH	325	6000	0.02%	0.006%	
84	7.280	7.252	7.315	HH	1265	24719	0.07%	0.024%	
85	7.328	7.315	7.354	HH	396	6340	0.02%	0.006%	
86	7.377	7.354	7.405	HH	539	10463	0.03%	0.010%	
87	7.440	7.405	7.456	HH	675	14771	0.04%	0.014%	
88	7.472	7.456	7.505	HH	669	11286	0.03%	0.011%	
89	7.531	7.505	7.546	HH	966	15306	0.04%	0.015%	

90	7.569	7.546	7.611	HH	994	27764	0.08%	0.027%
91	7.631	7.611	7.651	HH	800	14299	0.04%	0.014%
92	7.675	7.651	7.690	HH	1179	18719	0.05%	0.018%
93	7.705	7.690	7.719	HH	1352	18088	0.05%	0.017%
94	7.732	7.719	7.752	HH	1380	18528	0.05%	0.018%
95	7.801	7.752	7.826	HH	2190	41269	0.12%	0.040%
96	7.845	7.826	7.864	HH	859	16518	0.05%	0.016%
97	7.888	7.864	7.916	HH	1371	35125	0.10%	0.034%
98	7.948	7.916	7.957	HH	1523	33298	0.09%	0.032%
99	7.981	7.957	8.012	HH	6339	98020	0.28%	0.094%
100	8.044	8.012	8.105	HH	5734	132423	0.37%	0.127%
101	8.125	8.105	8.175	HH	2198	60496	0.17%	0.058%
102	8.192	8.175	8.246	HH	1502	46341	0.13%	0.045%
103	8.268	8.246	8.292	HH	926	22029	0.06%	0.021%
104	8.333	8.292	8.363	HH	1337	44029	0.12%	0.042%
105	8.401	8.363	8.410	HH	1668	41884	0.12%	0.040%
106	8.423	8.410	8.447	HH	1898	36449	0.10%	0.035%
107	8.481	8.447	8.498	HH	1836	49764	0.14%	0.048%
108	8.517	8.498	8.546	HH	3639	61591	0.17%	0.059%
109	8.570	8.546	8.602	HH	1521	39621	0.11%	0.038%
110	8.620	8.602	8.632	HH	1264	20317	0.06%	0.020%
111	8.634	8.632	8.642	HH	1235	7393	0.02%	0.007%
112	8.662	8.642	8.677	HH	1229	24237	0.07%	0.023%
113	8.719	8.677	8.775	HH	1577	77713	0.22%	0.075%
114	8.803	8.775	8.837	HH	7953	132097	0.37%	0.127%
115	8.858	8.837	8.909	HH	6905	128017	0.36%	0.123%
116	8.939	8.909	8.968	HH	1626	46477	0.13%	0.045%
117	8.994	8.968	9.009	HH	1419	30405	0.09%	0.029%
118	9.025	9.009	9.052	HH	1318	31705	0.09%	0.031%
119	9.080	9.052	9.118	HH	1572	50206	0.14%	0.048%
120	9.128	9.118	9.142	HH	1262	16277	0.05%	0.016%
121	9.176	9.142	9.209	HH	2868	78428	0.22%	0.075%
122	9.259	9.209	9.282	HH	2104	79412	0.22%	0.076%
123	9.308	9.282	9.326	HH	2078	44339	0.13%	0.043%
124	9.358	9.326	9.385	HH	1944	56682	0.16%	0.055%
125	9.405	9.385	9.445	HH	1460	46553	0.13%	0.045%
126	9.453	9.445	9.472	HH	1224	18863	0.05%	0.018%
127	9.532	9.472	9.556	HH	2262	89581	0.25%	0.086%
128	9.581	9.556	9.629	HH	8481	145686	0.41%	0.140%
129	9.656	9.629	9.670	HH	1656	37272	0.11%	0.036%
130	9.685	9.670	9.715	HH	1521	38723	0.11%	0.037%
131	9.742	9.715	9.776	HH	1632	49663	0.14%	0.048%
132	9.812	9.776	9.834	HH	1376	43896	0.12%	0.042%
133	9.851	9.834	9.875	HH	1310	31097	0.09%	0.030%
134	9.926	9.875	9.939	HH	1894	58519	0.17%	0.056%
135	9.968	9.939	9.998	HH	3935	94735	0.27%	0.091%
136	10.020	9.998	10.035	HH	2224	44067	0.12%	0.042%
137	10.060	10.035	10.091	HH	2419	68618	0.19%	0.066%
138	10.112	10.091	10.142	HH	2435	56330	0.16%	0.054%
139	10.168	10.142	10.180	HH	1749	38131	0.11%	0.037%
140	10.252	10.180	10.272	HH	2583	113236	0.32%	0.109%
141	10.321	10.272	10.349	HH	8420	173057	0.49%	0.167%

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142	10.375	10.349	10.479	HH	10977	309606	0.87%	0.298%	
143	10.502	10.479	10.516	HH	2002	41778	0.12%	0.040%	
144	10.544	10.516	10.562	HH	2464	60170	0.17%	0.058%	
145	10.577	10.562	10.606	HH	2517	60965	0.17%	0.059%	
146	10.639	10.606	10.680	HH	2872	110883	0.31%	0.107%	
147	10.707	10.680	10.754	HH	2986	110054	0.31%	0.106%	
148	10.776	10.754	10.807	HH	2638	73521	0.21%	0.071%	
149	10.828	10.807	10.850	HH	2475	55940	0.16%	0.054%	
150	10.872	10.850	10.918	HH	2809	89832	0.25%	0.086%	
151	10.954	10.918	10.983	HH	2625	90463	0.26%	0.087%	
152	11.024	10.983	11.058	HH	8132	172003	0.49%	0.166%	
153	11.078	11.058	11.091	HH	3136	53848	0.15%	0.052%	
154	11.112	11.091	11.191	HH	4460	163686	0.46%	0.158%	
155	11.219	11.191	11.236	HH	2412	60099	0.17%	0.058%	
156	11.267	11.236	11.282	HH	2518	62543	0.18%	0.060%	
157	11.325	11.282	11.347	HH	2934	103905	0.29%	0.100%	
158	11.381	11.347	11.394	HH	2924	77006	0.22%	0.074%	
159	11.417	11.394	11.440	HH	3209	80370	0.23%	0.077%	
160	11.462	11.440	11.471	HH	3215	56192	0.16%	0.054%	
161	11.485	11.471	11.495	HH	3342	44819	0.13%	0.043%	
162	11.508	11.495	11.532	HH	3417	71229	0.20%	0.069%	
163	11.582	11.532	11.640	HH	13763	355951	1.00%	0.342%	
164	11.648	11.640	11.659	HH	3510	38687	0.11%	0.037%	
165	11.695	11.659	11.715	HH	7890	171554	0.48%	0.165%	
166	11.751	11.715	11.831	HH	506710	6464929	18.25%	6.221%	
167	11.849	11.831	11.899	HH	5762	218436	0.62%	0.210%	
168	11.909	11.899	11.934	HH	4827	90790	0.26%	0.087%	
169	11.959	11.934	11.989	HH	26881	435587	1.23%	0.419%	
170	12.003	11.989	12.059	HH	9538	268420	0.76%	0.258%	
171	12.074	12.059	12.135	HH	5219	204457	0.58%	0.197%	
172	12.158	12.135	12.194	HH	7963	205031	0.58%	0.197%	
173	12.214	12.194	12.239	HH	8189	162041	0.46%	0.156%	
174	12.264	12.239	12.294	HH	4941	146850	0.41%	0.141%	
175	12.335	12.294	12.363	HH	8840	232221	0.66%	0.223%	
176	12.391	12.363	12.460	HH	11763	364607	1.03%	0.351%	
177	12.479	12.460	12.538	HH	4503	185291	0.52%	0.178%	
178	12.555	12.538	12.568	HH	3878	68042	0.19%	0.065%	
179	12.593	12.568	12.644	HH	4668	195121	0.55%	0.188%	
180	12.655	12.644	12.664	HH	4049	46629	0.13%	0.045%	
181	12.692	12.664	12.725	HH	6174	197389	0.56%	0.190%	
182	12.784	12.725	12.812	HH	2064915	35425694	100.00%	34.087%	
183	12.837	12.812	12.910	HH	1428432	19433660	54.86%	18.699%	
184	12.922	12.910	12.935	HH	8313	118687	0.34%	0.114%	
185	13.006	12.935	13.082	HH	249241	4082886	11.53%	3.929%	
186	13.091	13.082	13.128	HH	10014	226881	0.64%	0.218%	
187	13.153	13.128	13.186	HH	14125	350983	0.99%	0.338%	
188	13.201	13.186	13.246	HH	8051	258522	0.73%	0.249%	
189	13.301	13.246	13.371	HH	16577	661844	1.87%	0.637%	
190	13.411	13.371	13.421	HH	7401	209251	0.59%	0.201%	
191	13.458	13.421	13.507	HH	9110	381643	1.08%	0.367%	
192	13.538	13.507	13.557	HH	11013	266746	0.75%	0.257%	
193	13.582	13.557	13.613	HH	12751	348447	0.98%	0.335%	
194	13.650	13.613	13.715	HH	12887	562649	1.59%	0.541%	

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					rteres			
195	13.762	13.715	13.778	HH	8559	301937	0.85%	0.291%
196	13.839	13.778	13.900	HH	17802	865632	2.44%	0.833%
197	13.937	13.900	13.957	HH	11121	341983	0.97%	0.329%
198	13.987	13.957	14.015	HH	19637	467814	1.32%	0.450%
199	14.021	14.015	14.042	HH	10480	160065	0.45%	0.154%
200	14.055	14.042	14.070	HH	9139	147865	0.42%	0.142%
201	14.099	14.070	14.122	HH	12001	319566	0.90%	0.307%
202	14.156	14.122	14.196	HH	28904	688714	1.94%	0.663%
203	14.218	14.196	14.244	HH	12681	322388	0.91%	0.310%
204	14.270	14.244	14.313	HH	11923	434375	1.23%	0.418%
205	14.322	14.313	14.352	HH	9417	212444	0.60%	0.204%
206	14.382	14.352	14.398	HH	9384	255316	0.72%	0.246%
207	14.436	14.398	14.494	HH	32415	875544	2.47%	0.842%
208	14.505	14.494	14.516	HH	9703	127509	0.36%	0.123%
209	14.597	14.516	14.614	HH	15157	671697	1.90%	0.646%
210	14.637	14.614	14.674	HH	17642	515916	1.46%	0.496%
211	14.699	14.674	14.733	HH	12377	407993	1.15%	0.393%
212	14.747	14.733	14.771	HH	10977	240907	0.68%	0.232%
213	14.781	14.771	14.808	HH	10951	240988	0.68%	0.232%
214	14.827	14.808	14.858	HH	10719	313978	0.89%	0.302%
215	14.944	14.858	14.963	HH	11174	672234	1.90%	0.647%
216	14.979	14.963	14.988	HH	10930	161731	0.46%	0.156%
217	15.035	14.988	15.093	HH	19479	873506	2.47%	0.840%
218	15.163	15.093	15.188	HH	15237	715116	2.02%	0.688%
219	15.218	15.188	15.251	HH	30136	720686	2.03%	0.693%
220	15.263	15.251	15.308	HH	13419	441351	1.25%	0.425%
221	15.370	15.308	15.380	HH	13031	547066	1.54%	0.526%
222	15.403	15.380	15.433	HH	13533	421800	1.19%	0.406%
223	15.462	15.433	15.471	HH	13892	309413	0.87%	0.298%
224	15.479	15.471	15.515	HH	13915	363185	1.03%	0.349%
225	15.625	15.515	15.635	HH	15394	1056147	2.98%	1.016%
226	15.663	15.635	15.688	HH	19646	543836	1.54%	0.523%
227	15.720	15.688	15.752	HH	17730	629149	1.78%	0.605%
228	15.764	15.752	15.777	HH	15928	233479	0.66%	0.225%
229	15.790	15.777	15.812	HH	16354	332845	0.94%	0.320%
230	15.841	15.812	15.867	HH	17321	565988	1.60%	0.545%
231	15.940	15.867	15.988	HH	18963	1280226	3.61%	1.232%
232	16.009	15.988	16.021	HH	18378	353203	1.00%	0.340%
233	16.052	16.021	16.100	HH	20939	933235	2.63%	0.898%
234	16.145	16.100	16.182	HH	27020	1069561	3.02%	1.029%
235	16.207	16.182	16.238	HH	26929	790757	2.23%	0.761%
236	16.258	16.238	16.268	HH	21763	374221	1.06%	0.360%
237	16.280	16.268	16.292	HH	21932	310763	0.88%	0.299%
238	16.331	16.292	16.356	HH	22143	838214	2.37%	0.807%
239	16.376	16.356	16.402	HH	22252	597716	1.69%	0.575%
240	16.489	16.402	16.510	HH	23737	1501038	4.24%	1.444%
241	16.536	16.510	16.549	HH	24712	554285	1.56%	0.533%
242	16.614	16.549	16.635	HH	34101	1400703	3.95%	1.348%
Sum of corrected areas:					103927339			