

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031619\
Data File : FG004244.D
Signal(s) : FID1A.ch
Acq On : 16 Mar 2019 05:15
Operator : AJ\SJ
Sample : K1698-01 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
TR-04-031419

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Integration File: autoint1.e
Quant Time: Mar 16 05:42:59 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...	14.437	214001	1.702 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

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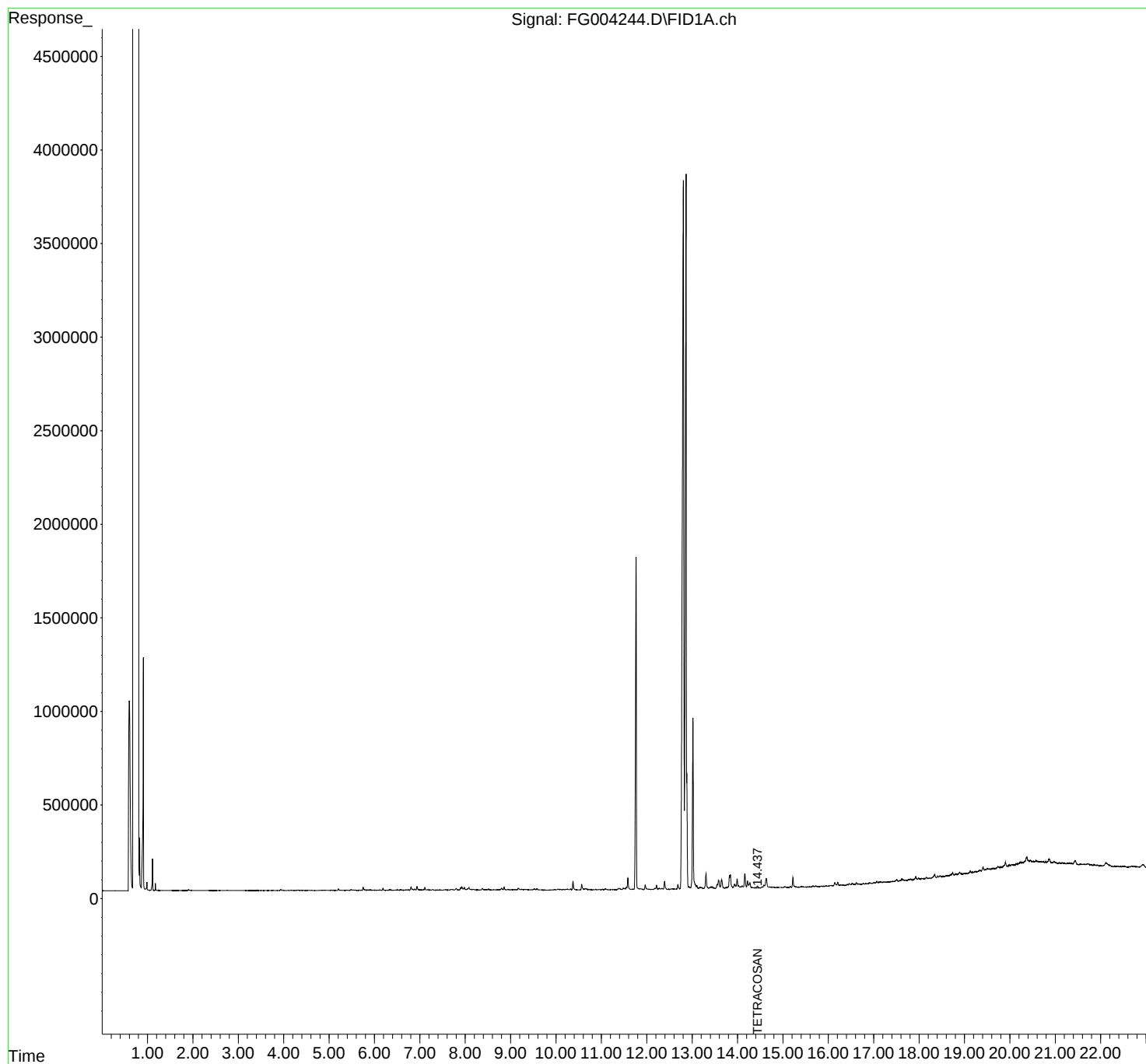
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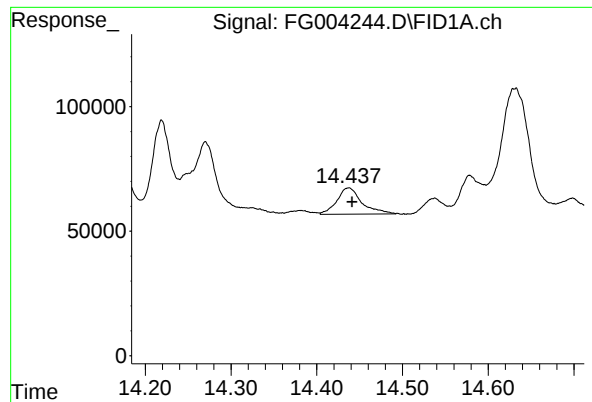
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.437 min
Delta R.T.: -0.004 min
Response: 214001
Conc: 1.70 ug/ml m

Instrument :
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rteres

Area Percent Report

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Data File : FG004244.D
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Sample : K1698-01 10X
Misc :
ALS Vial : 29 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	3.039	3.005	3.071	BH	31	218	0.00%	0.000%
2	3.096	3.071	3.174	PH	408	2982	0.00%	0.001%
3	3.192	3.174	3.225	PH	37	-943	-0.00%	-0.000%
4	3.235	3.225	3.255	PH	-43	-1584	-0.00%	-0.001%
5	3.272	3.255	3.280	PH	-67	-1243	-0.00%	-0.000%
6	3.295	3.280	3.336	PH	-17	-2655	-0.00%	-0.001%
7	3.354	3.336	3.388	PH	77	-1004	-0.00%	-0.000%
8	3.412	3.388	3.445	PH	-33	-3734	-0.00%	-0.001%
9	3.467	3.445	3.502	PH	175	-590	-0.00%	-0.000%
10	3.515	3.502	3.568	PH	52	-1121	-0.00%	-0.000%
11	3.588	3.568	3.599	PH	542	4974	0.01%	0.002%
12	3.606	3.599	3.616	HH	311	2500	0.00%	0.001%
13	3.624	3.616	3.651	HH	195	931	0.00%	0.000%
14	3.672	3.651	3.728	PH	588	6109	0.01%	0.002%
15	3.763	3.728	3.778	PH	729	6956	0.01%	0.003%
16	3.792	3.778	3.808	HH	493	6359	0.01%	0.002%
17	3.856	3.808	3.877	HH	676	16811	0.02%	0.006%
18	3.937	3.877	4.048	HH	6202	138678	0.16%	0.052%
19	4.069	4.048	4.095	HH	530	12286	0.01%	0.005%
20	4.112	4.095	4.138	HH	649	12575	0.01%	0.005%
21	4.165	4.138	4.185	HH	2759	33007	0.04%	0.012%
22	4.202	4.185	4.220	HH	1383	17192	0.02%	0.006%
23	4.233	4.220	4.255	HH	776	12022	0.01%	0.005%
24	4.265	4.255	4.287	HH	631	8818	0.01%	0.003%
25	4.308	4.287	4.342	HH	3111	45647	0.05%	0.017%
26	4.376	4.342	4.401	HH	1084	28707	0.03%	0.011%
27	4.418	4.401	4.433	HH	1767	22087	0.03%	0.008%
28	4.440	4.433	4.455	HH	972	10087	0.01%	0.004%
29	4.488	4.455	4.504	HH	740	18334	0.02%	0.007%
30	4.541	4.504	4.552	HH	1114	21921	0.03%	0.008%
31	4.559	4.552	4.569	HH	959	8656	0.01%	0.003%
32	4.580	4.569	4.601	HH	1133	15516	0.02%	0.006%
33	4.621	4.601	4.659	HH	1813	29059	0.03%	0.011%
34	4.690	4.659	4.708	HH	817	12853	0.02%	0.005%
35	4.719	4.708	4.742	HH	433	5224	0.01%	0.002%
36	4.776	4.742	4.789	HH	1066	14349	0.02%	0.005%

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					rt	Area	Area%	Height
37	4.806	4.789	4.831	HH	1902	28155	0.03%	0.011%
38	4.848	4.831	4.865	HH	1981	25552	0.03%	0.010%
39	4.880	4.865	4.895	HH	1638	21309	0.02%	0.008%
40	4.912	4.895	4.942	HH	2016	40316	0.05%	0.015%
41	4.969	4.942	4.982	HH	1145	23655	0.03%	0.009%
42	4.997	4.982	5.011	HH	1155	16810	0.02%	0.006%
43	5.029	5.011	5.045	HH	1454	24335	0.03%	0.009%
44	5.065	5.045	5.077	HH	1377	25128	0.03%	0.009%
45	5.089	5.077	5.106	HH	1591	21380	0.03%	0.008%
46	5.113	5.106	5.135	HH	780	11288	0.01%	0.004%
47	5.149	5.135	5.185	HH	797	17179	0.02%	0.006%
48	5.206	5.185	5.258	HH	9642	145188	0.17%	0.054%
49	5.281	5.258	5.308	HH	1823	36094	0.04%	0.014%
50	5.322	5.308	5.358	HH	946	23047	0.03%	0.009%
51	5.388	5.358	5.438	HH	2422	71935	0.08%	0.027%
52	5.483	5.438	5.521	HH	4929	137345	0.16%	0.052%
53	5.535	5.521	5.558	HH	2980	50424	0.06%	0.019%
54	5.572	5.558	5.602	HH	3021	52022	0.06%	0.020%
55	5.612	5.602	5.639	HH	1579	25831	0.03%	0.010%
56	5.657	5.639	5.675	HH	1906	27588	0.03%	0.010%
57	5.706	5.675	5.726	HH	2104	41586	0.05%	0.016%
58	5.751	5.726	5.791	HH	17834	289204	0.34%	0.108%
59	5.800	5.791	5.823	HH	3842	57529	0.07%	0.022%
60	5.845	5.823	5.864	HH	4113	69430	0.08%	0.026%
61	5.882	5.864	5.894	HH	3346	51264	0.06%	0.019%
62	5.907	5.894	5.948	HH	3638	81346	0.10%	0.031%
63	5.965	5.948	5.976	HH	2399	33881	0.04%	0.013%
64	5.986	5.976	5.999	HH	2152	27234	0.03%	0.010%
65	6.017	5.999	6.046	HH	2337	54402	0.06%	0.020%
66	6.063	6.046	6.088	HH	2161	46915	0.05%	0.018%
67	6.114	6.088	6.163	HH	2994	92953	0.11%	0.035%
68	6.188	6.163	6.233	HH	12914	189758	0.22%	0.071%
69	6.269	6.233	6.285	HH	1776	48351	0.06%	0.018%
70	6.303	6.285	6.315	HH	2289	34518	0.04%	0.013%
71	6.335	6.315	6.355	HH	6180	88949	0.10%	0.033%
72	6.366	6.355	6.393	HH	2711	53903	0.06%	0.020%
73	6.405	6.393	6.419	HH	2125	27421	0.03%	0.010%
74	6.432	6.419	6.444	HH	1873	25155	0.03%	0.009%
75	6.461	6.444	6.481	HH	3044	47969	0.06%	0.018%
76	6.502	6.481	6.522	HH	3269	61028	0.07%	0.023%
77	6.535	6.522	6.551	HH	2845	44814	0.05%	0.017%
78	6.579	6.551	6.612	HH	6016	121392	0.14%	0.046%
79	6.626	6.612	6.639	HH	2136	33259	0.04%	0.012%
80	6.653	6.639	6.672	HH	2275	41756	0.05%	0.016%
81	6.702	6.672	6.722	HH	4151	97108	0.11%	0.036%
82	6.743	6.722	6.769	HH	4729	89673	0.10%	0.034%
83	6.806	6.769	6.836	HH	20174	360191	0.42%	0.135%
84	6.845	6.836	6.866	HH	6092	86130	0.10%	0.032%
85	6.889	6.866	6.914	HH	7977	147827	0.17%	0.055%
86	6.937	6.914	6.971	HH	21865	348472	0.41%	0.131%
87	6.983	6.971	7.021	HH	4588	109730	0.13%	0.041%
88	7.035	7.021	7.045	HH	3210	44879	0.05%	0.017%
89	7.111	7.045	7.148	HH	16032	358621	0.42%	0.134%

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90	7.172	7.148	7.218	HH	4619	149435	0.17%	0.056%
91	7.231	7.218	7.258	HH	2954	64525	0.08%	0.024%
92	7.280	7.258	7.311	HH	5437	121277	0.14%	0.045%
93	7.328	7.311	7.353	HH	3057	62238	0.07%	0.023%
94	7.373	7.353	7.400	HH	2786	68291	0.08%	0.026%
95	7.440	7.400	7.457	HH	3457	94325	0.11%	0.035%
96	7.471	7.457	7.504	HH	3152	70665	0.08%	0.026%
97	7.536	7.504	7.551	HH	4234	89523	0.10%	0.034%
98	7.567	7.551	7.608	HH	4676	126447	0.15%	0.047%
99	7.631	7.608	7.652	HH	3825	82734	0.10%	0.031%
100	7.685	7.652	7.718	HH	5983	190320	0.22%	0.071%
101	7.730	7.718	7.758	HH	5709	99888	0.12%	0.037%
102	7.801	7.758	7.866	HH	11555	347722	0.41%	0.130%
103	7.899	7.866	7.911	HH	16021	237429	0.28%	0.089%
104	7.927	7.911	7.961	HH	19349	374408	0.44%	0.140%
105	7.981	7.961	8.016	HH	16665	310944	0.36%	0.117%
106	8.048	8.016	8.057	HH	9133	172603	0.20%	0.065%
107	8.080	8.057	8.112	HH	15923	347469	0.41%	0.130%
108	8.125	8.112	8.148	HH	6641	121554	0.14%	0.046%
109	8.173	8.148	8.250	HH	7265	287841	0.34%	0.108%
110	8.270	8.250	8.293	HH	3311	78829	0.09%	0.030%
111	8.376	8.293	8.411	HH	11521	353316	0.41%	0.132%
112	8.430	8.411	8.457	HH	5702	134333	0.16%	0.050%
113	8.483	8.457	8.496	HH	4672	102422	0.12%	0.038%
114	8.517	8.496	8.551	HH	8696	170788	0.20%	0.064%
115	8.570	8.551	8.599	HH	4209	101965	0.12%	0.038%
116	8.620	8.599	8.640	HH	4742	99428	0.12%	0.037%
117	8.659	8.640	8.677	HH	4195	85887	0.10%	0.032%
118	8.691	8.677	8.702	HH	4040	57143	0.07%	0.021%
119	8.743	8.702	8.759	HH	4443	139646	0.16%	0.052%
120	8.802	8.759	8.837	HH	13119	339327	0.40%	0.127%
121	8.857	8.837	8.913	HH	18593	357484	0.42%	0.134%
122	8.942	8.913	8.963	HH	6824	141273	0.17%	0.053%
123	8.979	8.963	9.008	HH	5048	112446	0.13%	0.042%
124	9.029	9.008	9.048	HH	5408	106349	0.12%	0.040%
125	9.079	9.048	9.105	HH	5945	156710	0.18%	0.059%
126	9.122	9.105	9.141	HH	5068	91686	0.11%	0.034%
127	9.168	9.141	9.213	HH	12296	323343	0.38%	0.121%
128	9.239	9.213	9.292	HH	7238	256371	0.30%	0.096%
129	9.309	9.292	9.331	HH	6463	128163	0.15%	0.048%
130	9.367	9.331	9.407	HH	5985	221236	0.26%	0.083%
131	9.424	9.407	9.465	HH	4395	136925	0.16%	0.051%
132	9.489	9.465	9.498	HH	5144	90172	0.11%	0.034%
133	9.520	9.498	9.557	HH	9993	238047	0.28%	0.089%
134	9.582	9.557	9.625	HH	10885	246758	0.29%	0.093%
135	9.634	9.625	9.670	HH	3668	96703	0.11%	0.036%
136	9.682	9.670	9.712	HH	3493	77736	0.09%	0.029%
137	9.745	9.712	9.799	HH	3509	151096	0.18%	0.057%
138	9.809	9.799	9.822	HH	2625	35166	0.04%	0.013%
139	9.910	9.822	9.941	HH	3819	215405	0.25%	0.081%
140	9.970	9.941	9.993	HH	5918	142008	0.17%	0.053%
141	10.048	9.993	10.071	HH	7233	253710	0.30%	0.095%

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142	10.087	10.071	10.134	HH	6172	197377	0.23%	0.074%
143	10.162	10.134	10.193	HH	6518	174038	0.20%	0.065%
144	10.219	10.193	10.236	HH	6818	151569	0.18%	0.057%
145	10.255	10.236	10.283	HH	8426	178029	0.21%	0.067%
146	10.322	10.283	10.347	HH	9732	241594	0.28%	0.091%
147	10.374	10.347	10.481	HH	47997	929572	1.09%	0.349%
148	10.504	10.481	10.519	HH	3766	83944	0.10%	0.031%
149	10.566	10.519	10.623	HH	31773	706914	0.83%	0.265%
150	10.650	10.623	10.726	HH	10810	448012	0.52%	0.168%
151	10.734	10.726	10.762	HH	5156	103115	0.12%	0.039%
152	10.771	10.762	10.804	HH	4472	106487	0.12%	0.040%
153	10.826	10.804	10.848	HH	4669	106585	0.12%	0.040%
154	10.875	10.848	10.901	HH	6722	161055	0.19%	0.060%
155	10.951	10.901	10.984	HH	5619	234153	0.27%	0.088%
156	11.025	10.984	11.048	HH	8304	205238	0.24%	0.077%
157	11.078	11.048	11.094	HH	9213	181271	0.21%	0.068%
158	11.106	11.094	11.145	HH	7202	173011	0.20%	0.065%
159	11.167	11.145	11.189	HH	4503	108644	0.13%	0.041%
160	11.224	11.189	11.247	HH	5103	161430	0.19%	0.061%
161	11.267	11.247	11.288	HH	5160	113397	0.13%	0.043%
162	11.322	11.288	11.342	HH	4574	139274	0.16%	0.052%
163	11.371	11.342	11.388	HH	11409	219113	0.26%	0.082%
164	11.405	11.388	11.448	HH	11501	296146	0.35%	0.111%
165	11.482	11.448	11.500	HH	13705	293226	0.34%	0.110%
166	11.515	11.500	11.532	HH	12102	193053	0.23%	0.072%
167	11.553	11.532	11.561	HH	17370	236089	0.28%	0.089%
168	11.584	11.561	11.636	HH	67387	1160377	1.36%	0.435%
169	11.649	11.636	11.672	HH	7496	144192	0.17%	0.054%
170	11.696	11.672	11.716	HH	8637	187953	0.22%	0.070%
171	11.764	11.716	11.834	HH	1797159	24090115	28.19%	9.034%
172	11.855	11.834	11.940	HH	9569	491275	0.57%	0.184%
173	11.966	11.940	12.018	HH	30542	648769	0.76%	0.243%
174	12.030	12.018	12.061	HH	7513	184879	0.22%	0.069%
175	12.070	12.061	12.086	HH	6663	93899	0.11%	0.035%
176	12.118	12.086	12.139	HH	6708	201410	0.24%	0.076%
177	12.185	12.139	12.195	HH	11818	309420	0.36%	0.116%
178	12.216	12.195	12.245	HH	27977	461950	0.54%	0.173%
179	12.275	12.245	12.296	HH	13818	315224	0.37%	0.118%
180	12.313	12.296	12.320	HH	9298	125260	0.15%	0.047%
181	12.337	12.320	12.364	HH	12390	258448	0.30%	0.097%
182	12.392	12.364	12.462	HH	48964	1040521	1.22%	0.390%
183	12.510	12.462	12.518	HH	7092	223697	0.26%	0.084%
184	12.550	12.518	12.570	HH	8833	256384	0.30%	0.096%
185	12.583	12.570	12.592	HH	7810	97053	0.11%	0.036%
186	12.609	12.592	12.626	HH	7883	160167	0.19%	0.060%
187	12.645	12.626	12.660	HH	8230	158182	0.19%	0.059%
188	12.686	12.660	12.730	HH	32459	695217	0.81%	0.261%
189	12.805	12.730	12.829	HH	3775288	85468171	100.00%	32.050%
190	12.865	12.829	12.918	HH	3761923	63926695	74.80%	23.972%
191	12.930	12.918	12.948	HH	20918	323502	0.38%	0.121%
192	12.958	12.948	12.967	HH	15587	169306	0.20%	0.063%
193	13.017	12.967	13.088	HH	926710	13357222	15.63%	5.009%
194	13.101	13.088	13.144	HH	26847	616592	0.72%	0.231%

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195	13.171	13.144	13.191	HH	17986	427743	0.50%	0.160%
196	13.206	13.191	13.251	HH	16451	485439	0.57%	0.182%
197	13.304	13.251	13.365	HH	90004	2076331	2.43%	0.779%
198	13.409	13.365	13.425	HH	20276	582226	0.68%	0.218%
199	13.440	13.425	13.507	HH	19900	730839	0.86%	0.274%
200	13.582	13.507	13.617	HH	54903	1925628	2.25%	0.722%
201	13.651	13.617	13.693	HH	55942	1524066	1.78%	0.572%
202	13.704	13.693	13.722	HH	14428	235311	0.28%	0.088%
203	13.749	13.722	13.775	HH	16837	491139	0.57%	0.184%
204	13.842	13.775	13.899	HH	85060	2986716	3.49%	1.120%
205	13.939	13.899	13.962	HH	32567	947144	1.11%	0.355%
206	13.990	13.962	14.046	HH	60535	1621881	1.90%	0.608%
207	14.065	14.046	14.077	HH	19933	359335	0.42%	0.135%
208	14.101	14.077	14.127	HH	25731	639643	0.75%	0.240%
209	14.160	14.127	14.195	HH	90867	1874964	2.19%	0.703%
210	14.219	14.195	14.240	HH	51443	960289	1.12%	0.360%
211	14.270	14.240	14.362	HH	42572	1690352	1.98%	0.634%
212	14.381	14.362	14.401	HH	15288	352303	0.41%	0.132%
213	14.437	14.401	14.505	HH	24419	1075724	1.26%	0.403%
214	14.537	14.505	14.555	HH	20293	513782	0.60%	0.193%
215	14.579	14.555	14.598	HH	29409	637326	0.75%	0.239%
216	14.631	14.598	14.678	HH	64223	1862428	2.18%	0.698%
217	14.698	14.678	14.718	HH	20239	448614	0.52%	0.168%
218	14.744	14.718	14.768	HH	17774	520256	0.61%	0.195%
219	14.785	14.768	14.855	HH	18070	881475	1.03%	0.331%
220	14.887	14.855	14.898	HH	16686	419513	0.49%	0.157%
221	14.909	14.898	14.936	HH	17129	380204	0.44%	0.143%
222	14.946	14.936	14.985	HH	16935	488616	0.57%	0.183%
223	15.039	14.985	15.112	HH	21200	1339365	1.57%	0.502%
224	15.160	15.112	15.188	HH	20760	817182	0.96%	0.306%
225	15.220	15.188	15.325	HH	69094	2241401	2.62%	0.841%
226	15.349	15.325	15.365	HH	18793	445561	0.52%	0.167%
227	15.410	15.365	15.446	HH	20824	961611	1.13%	0.361%
228	15.454	15.446	15.466	HH	19296	231855	0.27%	0.087%
229	15.474	15.466	15.516	HH	19250	559929	0.66%	0.210%
230	15.552	15.516	15.563	HH	19304	542007	0.63%	0.203%
231	15.589	15.563	15.620	HH	19910	664415	0.78%	0.249%
232	15.664	15.620	15.691	HH	25362	924646	1.08%	0.347%
233	15.722	15.691	15.747	HH	25756	767212	0.90%	0.288%
234	15.769	15.747	15.779	HH	21219	406353	0.48%	0.152%
235	15.792	15.779	15.808	HH	21346	362167	0.42%	0.136%
236	15.851	15.808	15.875	HH	23021	893605	1.05%	0.335%
237	15.944	15.875	15.982	HH	24845	1497778	1.75%	0.562%
238	16.071	15.982	16.093	HH	27339	1705982	2.00%	0.640%
239	16.143	16.093	16.184	HH	42996	1757127	2.06%	0.659%
240	16.208	16.184	16.240	HH	45055	1162732	1.36%	0.436%
241	16.272	16.240	16.293	HH	30879	923139	1.08%	0.346%
242	16.332	16.293	16.375	HH	29125	1390207	1.63%	0.521%
243	16.417	16.375	16.437	HH	33645	1123820	1.31%	0.421%
244	16.461	16.437	16.495	HH	36864	1152325	1.35%	0.432%
245	16.526	16.495	16.559	HH	38619	1343216	1.57%	0.504%
246	16.568	16.559	16.589	HH	32852	586651	0.69%	0.220%

Instrument :
FID_G
ClientSampleId :
TR-04-031419

247 16.616 16.589 16.640 HH 42259 1129240 1.32% 0.423%
Sum of corrected areas: 266671753

FG030419.M Mon Mar 18 11:01:30 2019

Manual Integrations
APPROVED
Sohil
3/18/2019 11:47:33 AM