

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031619\
 Data File : FG004232.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2019 23:10
 Operator : AJ\SJ
 Sample : K1911-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 RBR200036MSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 11:46:58 AM

Integration File: autoint1.e
 Quant Time: Mar 15 23:58:56 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...	14.439	1393372	11.083 ug/ml
Target Compounds			
2) N-DECANE	4.166	1447234	10.825 ug/ml
3) N-DODECANE	6.189	1485376	10.957 ug/ml
4) N-TETRADECANE	7.984	1521769	10.913 ug/ml
5) N-HEXADECANE	9.586	1558685	10.952 ug/ml
6) N-OCTADECANE	11.028	1554270	10.833 ug/mlm
7) N-EICOSANE	12.339	1507662	10.554 ug/ml
8) N-DOCOSANE	13.539	1537191	10.830 ug/mlm
10) N-TETRACOSANE	14.644	1825109	12.941 ug/ml
11) N-HEXACOSANE	15.667	1550557	11.133 ug/ml
12) N-OCTACOSANE	16.618	1636308	11.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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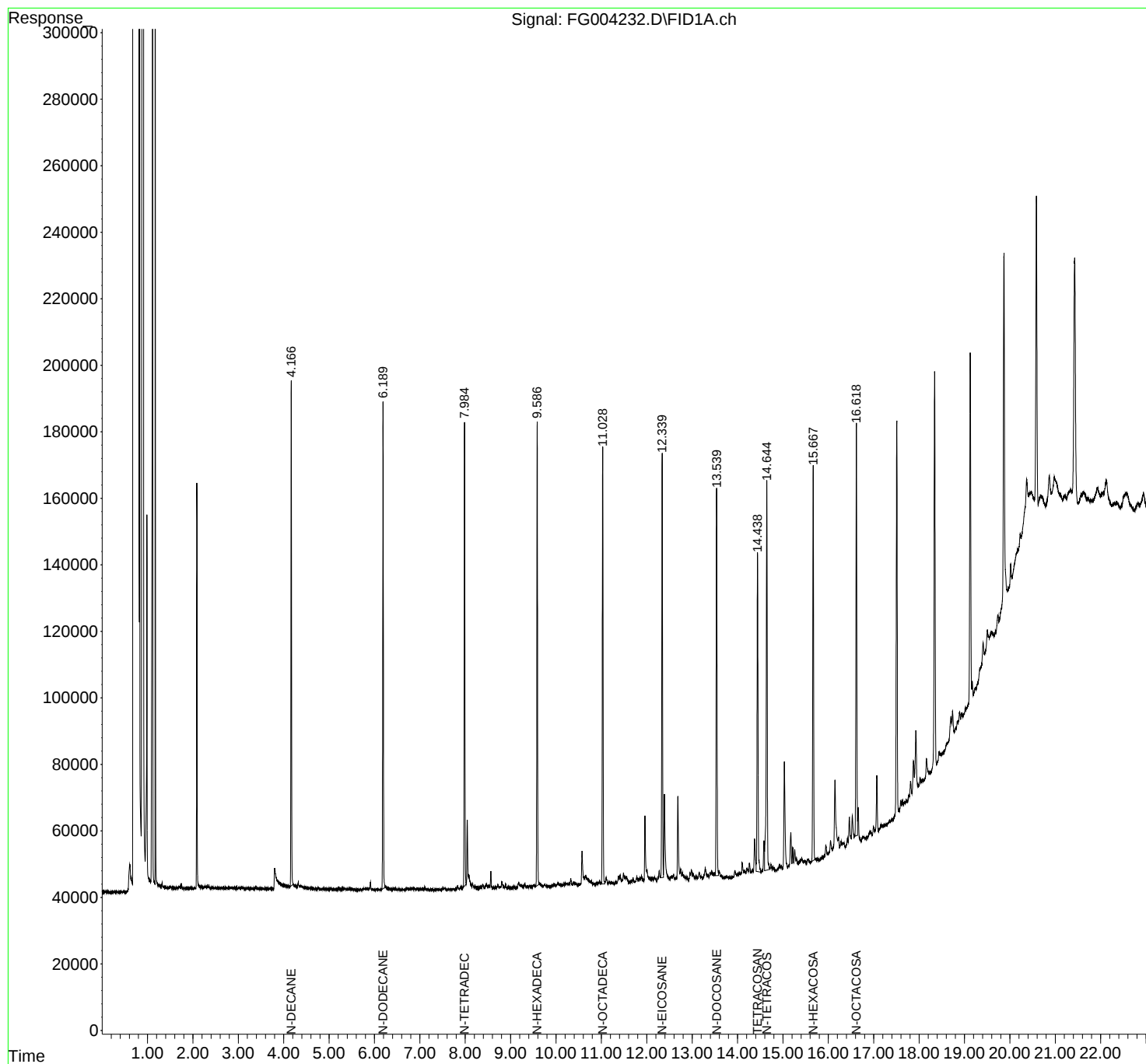
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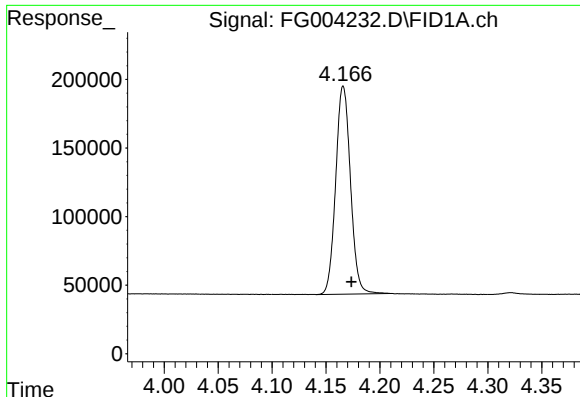
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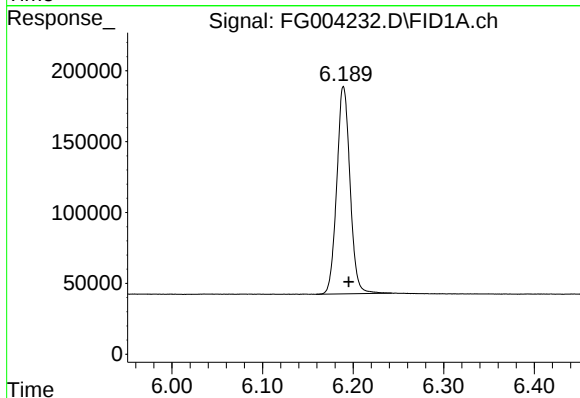
#2 N-DECANE

R.T.: 4.166 min
Delta R.T.: -0.008 min
Response: 1447234
Conc: 10.82 ug/ml

Instrument :
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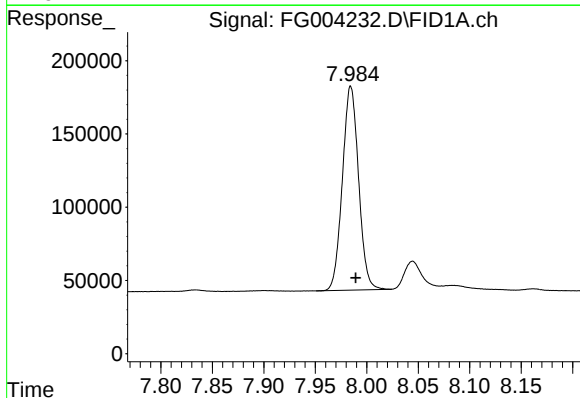
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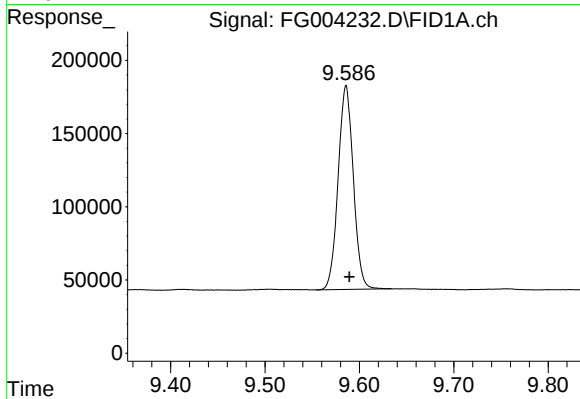
#3 N-DODECANE

R.T.: 6.189 min
Delta R.T.: -0.006 min
Response: 1485376
Conc: 10.96 ug/ml



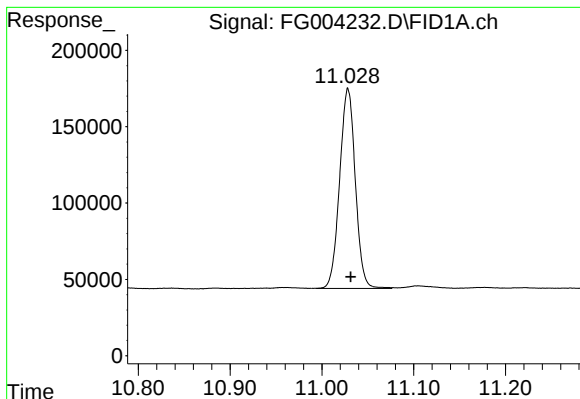
#4 N-TETRADECANE

R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 1521769
Conc: 10.91 ug/ml



#5 N-HEXADECANE

R.T.: 9.586 min
Delta R.T.: -0.004 min
Response: 1558685
Conc: 10.95 ug/ml



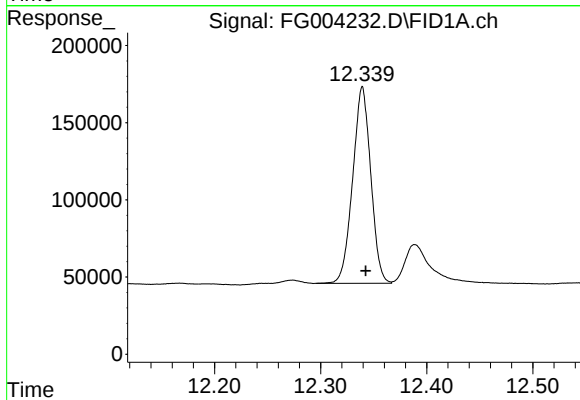
#6 N-OCTADECANE

R.T.: 11.028 min
Delta R.T.: -0.004 min
Response: 1554270
Conc: 10.83 ug/ml m

Instrument :
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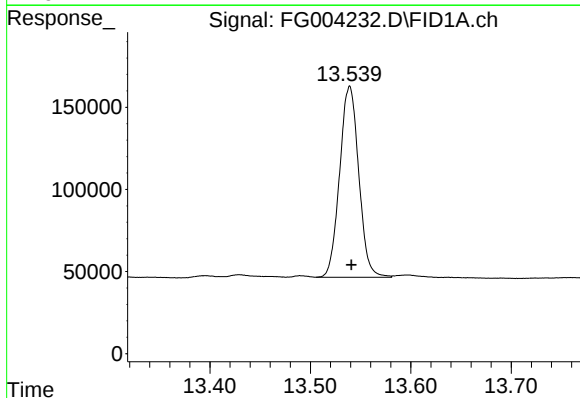
Manual Integrations
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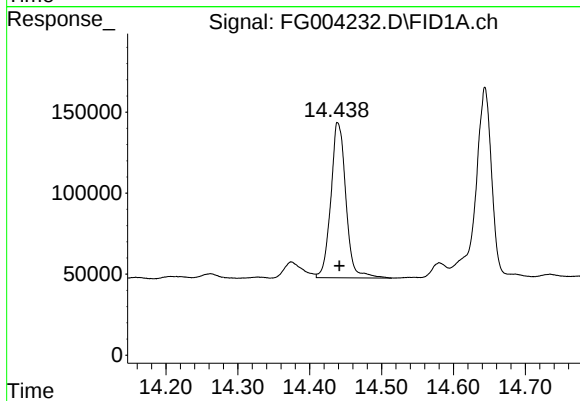
#7 N-EICOSANE

R.T.: 12.339 min
Delta R.T.: -0.003 min
Response: 1507662
Conc: 10.55 ug/ml



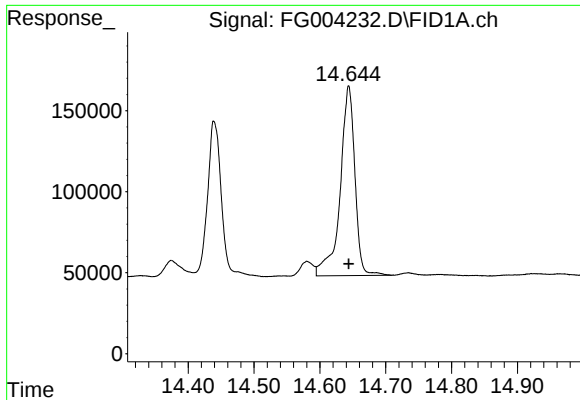
#8 N-DOCOSANE

R.T.: 13.539 min
Delta R.T.: -0.002 min
Response: 1537191
Conc: 10.83 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.439 min
Delta R.T.: -0.002 min
Response: 1393372
Conc: 11.08 ug/ml



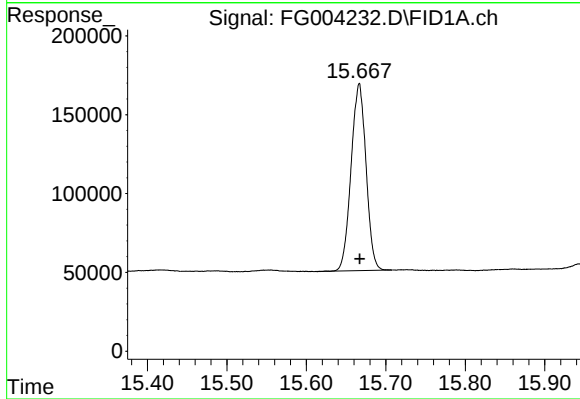
#10 N-TETRACOSANE

R.T.: 14.644 min
Delta R.T.: 0.000 min
Response: 1825109
Conc: 12.94 ug/ml

Instrument :
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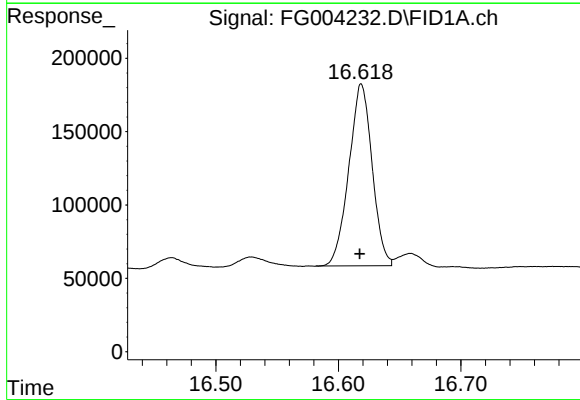
Manual Integrations
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#11 N-HEXACOSANE

R.T.: 15.667 min
Delta R.T.: 0.000 min
Response: 1550557
Conc: 11.13 ug/ml



#12 N-OCTACOSANE

R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 1636308
Conc: 11.95 ug/ml m

Instrument :
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rteres

Area Percent Report

Manual Integrations
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ALS Vial : 19 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	4.166	4.135	4.255	BH	152181	1472745	62.98%	3.955%
2	4.268	4.255	4.300	HH	298	4244	0.18%	0.011%
3	4.321	4.300	4.359	HH	1323	15322	0.66%	0.041%
4	4.374	4.359	4.472	HH	210	-1704	-0.07%	-0.005%
5	4.477	4.472	4.496	PH	-267	-4776	-0.20%	-0.013%
6	4.502	4.496	4.522	PH	-337	-5790	-0.25%	-0.016%
7	4.524	4.522	4.712	PH	-357	-63109	-2.70%	-0.169%
8	4.718	4.712	4.737	PH	-632	-10383	-0.44%	-0.028%
9	4.764	4.737	4.786	PH	-299	-16144	-0.69%	-0.043%
10	4.795	4.786	4.823	PH	-639	-15679	-0.67%	-0.042%
11	4.853	4.823	4.873	PH	-706	-22167	-0.95%	-0.060%
12	4.887	4.873	4.915	PH	-674	-17724	-0.76%	-0.048%
13	4.922	4.915	5.011	PH	-708	-42786	-1.83%	-0.115%
14	5.033	5.011	5.137	PH	-423	-54843	-2.35%	-0.147%
15	5.151	5.137	5.178	PH	-730	-20159	-0.86%	-0.054%
16	5.208	5.178	5.275	PH	-3	-39972	-1.71%	-0.107%
17	5.297	5.275	5.375	PH	-462	-40432	-1.73%	-0.109%
18	5.400	5.375	5.431	PH	-698	-26305	-1.12%	-0.071%
19	5.472	5.431	5.502	PH	-649	-32643	-1.40%	-0.088%
20	5.515	5.502	5.525	PH	-781	-11178	-0.48%	-0.030%
21	5.534	5.525	5.638	PH	-789	-60614	-2.59%	-0.163%
22	5.657	5.638	5.707	PH	-906	-39388	-1.68%	-0.106%
23	5.751	5.707	5.783	PH	-586	-34965	-1.50%	-0.094%
24	5.804	5.783	5.865	PH	-640	-34093	-1.46%	-0.092%
25	5.911	5.865	6.015	PH	1346	-45850	-1.96%	-0.123%
26	6.039	6.015	6.070	PH	-802	-28432	-1.22%	-0.076%
27	6.080	6.070	6.119	PH	-779	-24826	-1.06%	-0.067%
28	6.126	6.119	6.158	PH	-862	-20778	-0.89%	-0.056%
29	6.190	6.158	6.382	PH	146280	1412983	60.43%	3.794%
30	6.393	6.382	6.399	PH	-718	-7864	-0.34%	-0.021%
31	6.406	6.399	6.431	PH	-724	-14767	-0.63%	-0.040%
32	6.460	6.431	6.491	PH	-643	-27854	-1.19%	-0.075%
33	6.505	6.491	6.518	PH	-834	-13563	-0.58%	-0.036%
34	6.530	6.518	6.581	PH	-759	-33334	-1.43%	-0.090%
35	6.589	6.581	6.603	PH	-866	-11363	-0.49%	-0.031%
36	6.627	6.603	6.655	PH	-892	-28858	-1.23%	-0.077%

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					rt	Area	Height	%Area
37	6.662	6.655	6.672	PH	-898	-9033	-0.39%	-0.024%
38	6.725	6.672	6.775	PH	-517	-41392	-1.77%	-0.111%
39	6.806	6.775	6.837	PH	-372	-22670	-0.97%	-0.061%
40	6.852	6.837	6.862	PH	-579	-9862	-0.42%	-0.026%
41	6.883	6.862	6.915	PH	-423	-21181	-0.91%	-0.057%
42	6.944	6.915	6.978	PH	-516	-28064	-1.20%	-0.075%
43	6.990	6.978	7.037	PH	-732	-27832	-1.19%	-0.075%
44	7.064	7.037	7.076	PH	-702	-17887	-0.76%	-0.048%
45	7.113	7.076	7.168	PH	-247	-37913	-1.62%	-0.102%
46	7.179	7.168	7.212	PH	-814	-23671	-1.01%	-0.064%
47	7.232	7.212	7.241	PH	-893	-16422	-0.70%	-0.044%
48	7.284	7.241	7.321	PH	-829	-43315	-1.85%	-0.116%
49	7.331	7.321	7.339	PH	-908	-10224	-0.44%	-0.027%
50	7.387	7.339	7.475	PH	-626	-72485	-3.10%	-0.195%
51	7.479	7.475	7.485	PH	-911	-5938	-0.25%	-0.016%
52	7.509	7.485	7.542	PH	-445	-22155	-0.95%	-0.059%
53	7.558	7.542	7.602	PH	-329	-24287	-1.04%	-0.065%
54	7.611	7.602	7.645	PH	-805	-22449	-0.96%	-0.060%
55	7.735	7.645	7.759	PH	-609	-52631	-2.25%	-0.141%
56	7.834	7.759	7.862	PH	328	-34824	-1.49%	-0.094%
57	7.901	7.862	7.925	PH	-143	-15490	-0.66%	-0.042%
58	7.985	7.925	8.022	PH	139401	1525309	65.23%	4.096%
59	8.045	8.022	8.073	HH	19928	255851	10.94%	0.687%
60	8.083	8.073	8.143	HH	3414	69676	2.98%	0.187%
61	8.161	8.143	8.203	HH	1075	8585	0.37%	0.023%
62	8.218	8.203	8.306	PH	-104	-23288	-1.00%	-0.063%
63	8.351	8.306	8.364	PH	43	-8428	-0.36%	-0.023%
64	8.382	8.364	8.420	PH	608	3796	0.16%	0.010%
65	8.466	8.420	8.500	PH	515	6422	0.27%	0.017%
66	8.525	8.500	8.545	PH	489	3189	0.14%	0.009%
67	8.565	8.545	8.618	PH	4656	38890	1.66%	0.104%
68	8.629	8.618	8.647	PH	-229	-4765	-0.20%	-0.013%
69	8.664	8.647	8.682	PH	-136	-5046	-0.22%	-0.014%
70	8.718	8.682	8.777	PH	655	-4023	-0.17%	-0.011%
71	8.807	8.777	8.872	PH	1490	15480	0.66%	0.042%
72	8.889	8.872	8.922	PH	933	2770	0.12%	0.007%
73	8.948	8.922	8.970	PH	-98	-8645	-0.37%	-0.023%
74	8.990	8.970	9.018	PH	-28	-8476	-0.36%	-0.023%
75	9.034	9.018	9.052	PH	-164	-5895	-0.25%	-0.016%
76	9.083	9.052	9.109	PH	-129	-9990	-0.43%	-0.027%
77	9.131	9.109	9.145	PH	-181	-6527	-0.28%	-0.018%
78	9.181	9.145	9.210	PH	1199	21972	0.94%	0.059%
79	9.240	9.210	9.280	HH	325	8580	0.37%	0.023%
80	9.311	9.280	9.348	HH	552	8405	0.36%	0.023%
81	9.366	9.348	9.392	HH	188	597	0.03%	0.002%
82	9.412	9.392	9.475	PH	350	-324	-0.01%	-0.001%
83	9.505	9.475	9.555	PH	455	8820	0.38%	0.024%
84	9.586	9.555	9.642	HH	138680	1580842	67.61%	4.245%
85	9.655	9.642	9.712	HH	743	19225	0.82%	0.052%
86	9.756	9.712	9.788	HH	754	16639	0.71%	0.045%
87	9.822	9.788	9.880	HH	190	3008	0.13%	0.008%
88	9.967	9.880	10.004	PH	703	26077	1.12%	0.070%
89	10.058	10.004	10.080	HH	976	32883	1.41%	0.088%

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					rt	Area	Area%	Height
90	10.095	10.080	10.135	HH	645	16864	0.72%	0.045%
91	10.168	10.135	10.181	HH	788	14421	0.62%	0.039%
92	10.201	10.181	10.218	HH	1197	19821	0.85%	0.053%
93	10.241	10.218	10.268	HH	916	25228	1.08%	0.068%
94	10.325	10.268	10.357	HH	2463	58667	2.51%	0.158%
95	10.396	10.357	10.485	HH	1298	62949	2.69%	0.169%
96	10.511	10.485	10.528	HH	757	15054	0.64%	0.040%
97	10.573	10.528	10.612	HH	10730	207584	8.88%	0.557%
98	10.623	10.612	10.634	HH	2803	36829	1.58%	0.099%
99	10.655	10.634	10.686	HH	3142	84876	3.63%	0.228%
100	10.695	10.686	10.755	HH	2359	79998	3.42%	0.215%
101	10.777	10.755	10.818	HH	1576	45039	1.93%	0.121%
102	10.836	10.818	10.865	HH	1038	23601	1.01%	0.063%
103	10.884	10.865	10.902	HH	1103	19501	0.83%	0.052%
104	10.960	10.902	10.989	HH	1480	57143	2.44%	0.153%
105	11.028	10.989	11.085	HH	131705	1606406	68.70%	4.314%
106	11.105	11.085	11.146	HH	2543	65205	2.79%	0.175%
107	11.177	11.146	11.201	HH	1539	41629	1.78%	0.112%
108	11.221	11.201	11.256	HH	1403	37692	1.61%	0.101%
109	11.271	11.256	11.288	HH	1149	19933	0.85%	0.054%
110	11.324	11.288	11.344	HH	1492	39731	1.70%	0.107%
111	11.375	11.344	11.392	HH	3271	66046	2.82%	0.177%
112	11.411	11.392	11.446	HH	3393	83512	3.57%	0.224%
113	11.486	11.446	11.505	HH	4111	94455	4.04%	0.254%
114	11.521	11.505	11.540	HH	3294	58313	2.49%	0.157%
115	11.556	11.540	11.613	HH	3058	89039	3.81%	0.239%
116	11.633	11.613	11.646	HH	1420	25767	1.10%	0.069%
117	11.667	11.646	11.676	HH	1639	27474	1.17%	0.074%
118	11.698	11.676	11.720	HH	2712	52779	2.26%	0.142%
119	11.731	11.720	11.752	HH	1543	28993	1.24%	0.078%
120	11.779	11.752	11.806	HH	2752	73522	3.14%	0.197%
121	11.816	11.806	11.827	HH	2112	25596	1.09%	0.069%
122	11.855	11.827	11.868	HH	2472	57124	2.44%	0.153%
123	11.888	11.868	11.935	HH	2992	94695	4.05%	0.254%
124	11.960	11.935	11.996	HH	21061	331352	14.17%	0.890%
125	12.004	11.996	12.098	HH	4897	184239	7.88%	0.495%
126	12.118	12.098	12.142	HH	2514	61044	2.61%	0.164%
127	12.166	12.142	12.185	HH	2807	63398	2.71%	0.170%
128	12.194	12.185	12.225	HH	2382	50694	2.17%	0.136%
129	12.273	12.225	12.295	HH	4772	131300	5.62%	0.353%
130	12.339	12.295	12.367	HH	129292	1625335	69.51%	4.364%
131	12.389	12.367	12.511	HH	27839	656766	28.09%	1.764%
132	12.543	12.511	12.562	HH	3016	83893	3.59%	0.225%
133	12.588	12.562	12.615	HH	3319	94222	4.03%	0.253%
134	12.638	12.615	12.655	HH	2607	59757	2.56%	0.160%
135	12.686	12.655	12.728	HH	27097	465099	19.89%	1.249%
136	12.747	12.728	12.771	HH	5237	114662	4.90%	0.308%
137	12.784	12.771	12.848	HH	4147	151200	6.47%	0.406%
138	12.868	12.848	12.928	HH	2775	118029	5.05%	0.317%
139	12.952	12.928	12.965	HH	4164	71760	3.07%	0.193%
140	12.986	12.965	13.011	HH	4969	114221	4.88%	0.307%
141	13.023	13.011	13.065	HH	3770	102961	4.40%	0.276%

					rteres			
142	13.083	13.065	13.125	HH	2924	99019	4.23%	0.266%
143	13.154	13.125	13.184	HH	4286	120958	5.17%	0.325%
144	13.198	13.184	13.234	HH	3155	85398	3.65%	0.229%
145	13.290	13.234	13.330	HH	5321	221429	9.47%	0.595%
146	13.340	13.330	13.371	HH	3314	78101	3.34%	0.210%
147	13.395	13.371	13.412	HH	4264	92063	3.94%	0.247%
148	13.429	13.412	13.476	HH	4857	153649	6.57%	0.413%
149	13.490	13.476	13.505	HH	4216	67354	2.88%	0.181%
150	13.539	13.505	13.581	HH	119044	1689336	72.25%	4.536%
151	13.596	13.581	13.630	HH	4696	117034	5.01%	0.314%
152	13.637	13.630	13.706	HH	3297	133728	5.72%	0.359%
153	13.758	13.706	13.852	HH	3141	243462	10.41%	0.654%
154	13.872	13.852	13.884	HH	2866	53144	2.27%	0.143%
155	13.900	13.884	13.913	HH	3069	51610	2.21%	0.139%
156	13.942	13.913	13.995	HH	4713	186548	7.98%	0.501%
157	14.022	13.995	14.038	HH	3957	96830	4.14%	0.260%
158	14.055	14.038	14.074	HH	4023	83375	3.57%	0.224%
159	14.103	14.074	14.143	HH	7127	215500	9.22%	0.579%
160	14.159	14.143	14.183	HH	4829	104726	4.48%	0.281%
161	14.208	14.183	14.237	HH	5351	158582	6.78%	0.426%
162	14.262	14.237	14.300	HH	7065	207243	8.86%	0.556%
163	14.328	14.300	14.346	HH	5017	126123	5.39%	0.339%
164	14.375	14.346	14.407	HH	14343	339485	14.52%	0.912%
165	14.440	14.407	14.518	HH	101172	1692182	72.37%	4.544%
166	14.581	14.518	14.595	HH	13741	339620	14.52%	0.912%
167	14.644	14.595	14.712	HH	122135	2178177	93.15%	5.849%
168	14.734	14.712	14.762	HH	6793	178312	7.63%	0.479%
169	14.781	14.762	14.825	HH	5704	205029	8.77%	0.551%
170	14.836	14.825	14.862	HH	5081	109556	4.69%	0.294%
171	14.925	14.862	14.948	HH	6183	291554	12.47%	0.783%
172	14.964	14.948	14.994	HH	6103	157611	6.74%	0.423%
173	15.031	14.994	15.108	HH	37369	955387	40.86%	2.565%
174	15.173	15.108	15.197	HH	16144	496491	21.23%	1.333%
175	15.216	15.197	15.237	HH	11728	216823	9.27%	0.582%
176	15.260	15.237	15.326	HH	10999	455756	19.49%	1.224%
177	15.416	15.326	15.458	HH	8302	606490	25.94%	1.629%
178	15.462	15.458	15.472	HH	7574	59978	2.57%	0.161%
179	15.487	15.472	15.514	HH	7801	190867	8.16%	0.513%
180	15.552	15.514	15.613	HH	8263	454233	19.43%	1.220%
181	15.666	15.613	15.710	HH	124870	2006609	85.82%	5.388%
182	15.727	15.710	15.772	HH	8440	302819	12.95%	0.813%
183	15.789	15.772	15.813	HH	8295	202802	8.67%	0.545%
184	15.861	15.813	15.875	HH	8912	315488	13.49%	0.847%
185	15.947	15.875	15.995	HH	12402	719697	30.78%	1.933%
186	16.050	15.995	16.091	HH	13772	651993	27.88%	1.751%
187	16.147	16.091	16.212	HH	32163	1284104	54.92%	3.448%
188	16.225	16.212	16.251	HH	14745	319447	13.66%	0.858%
189	16.276	16.251	16.297	HH	13676	357625	15.29%	0.960%
190	16.315	16.297	16.325	HH	13132	214938	9.19%	0.577%
191	16.346	16.325	16.382	HH	13117	426913	18.26%	1.146%
192	16.421	16.382	16.437	HH	14561	438013	18.73%	1.176%
193	16.464	16.437	16.502	HH	20933	643326	27.51%	1.727%
194	16.529	16.502	16.580	HH	21372	805858	34.46%	2.164%

Instrument :
FID_G
ClientSampleId :
RBR200036MSD

Manual Integrations
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Instrument :
FID_G
ClientSampleId :
RBR200036MSD

195 16.619 16.580 16.652 HHA 139548 2338271 100.00% 6.279%

Sum of corrected areas: 37240922

FG030419.M Mon Mar 18 10:44:28 2019

Manual Integrations
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