

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031619\
 Data File : FG004231.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2019 22:39
 Operator : AJ\SJ
 Sample : K1911-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 RBR200036MS

Manual Integrations
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 3/18/2019 11:46:56 AM

Integration File: autoint1.e
 Quant Time: Mar 15 23:58:40 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...	14.440	1372398	10.916 ug/ml
Target Compounds			
2) N-DECANE	4.166	1424953	10.658 ug/ml
3) N-DODECANE	6.190	1456926	10.747 ug/ml
4) N-TETRADECANE	7.985	1493430	10.710 ug/ml
5) N-HEXADECANE	9.585	1531564	10.762 ug/ml
6) N-OCTADECANE	11.028	1531918	10.677 ug/mlm
7) N-EICOSANE	12.340	1483170	10.382 ug/ml
8) N-DOCOSANE	13.538	1511731	10.650 ug/mlm
10) N-TETRACOSANE	14.645	1798700	12.754 ug/ml
11) N-HEXACOSANE	15.667	1526310	10.959 ug/ml
12) N-OCTACOSANE	16.619	1633233	11.929 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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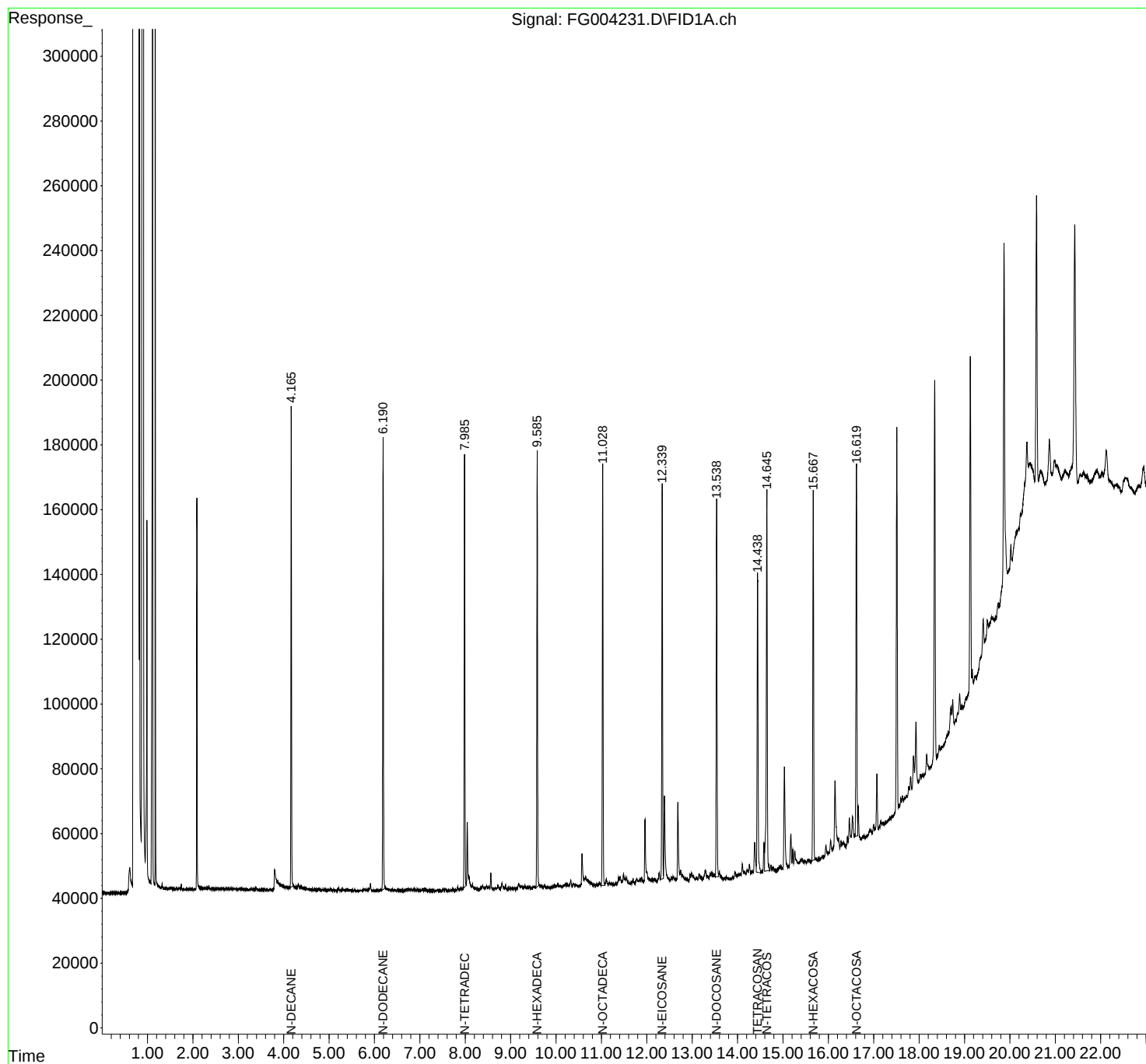
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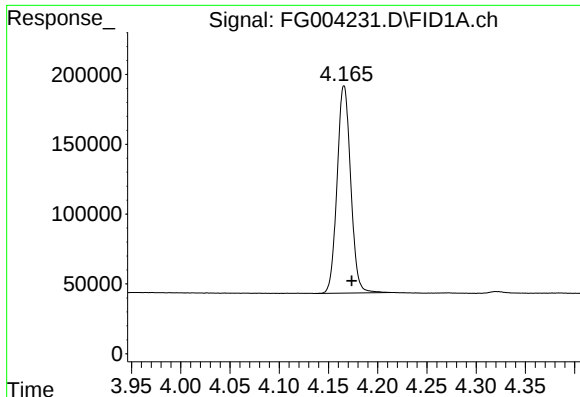
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Signal Phase : Rxi-1ms
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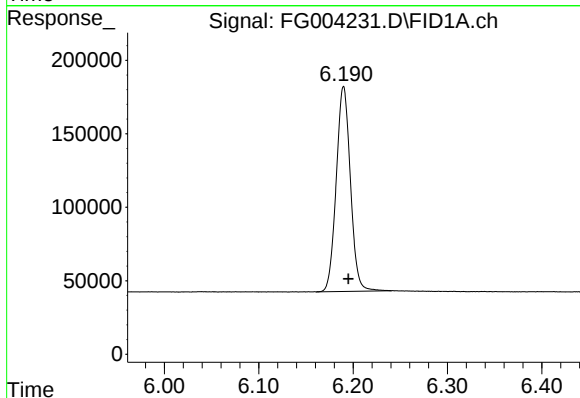
#2 N-DECANE

R.T.: 4.166 min
Delta R.T.: -0.008 min
Response: 1424953
Conc: 10.66 ug/ml

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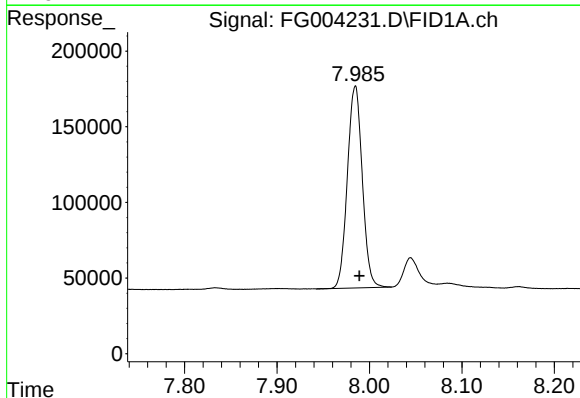
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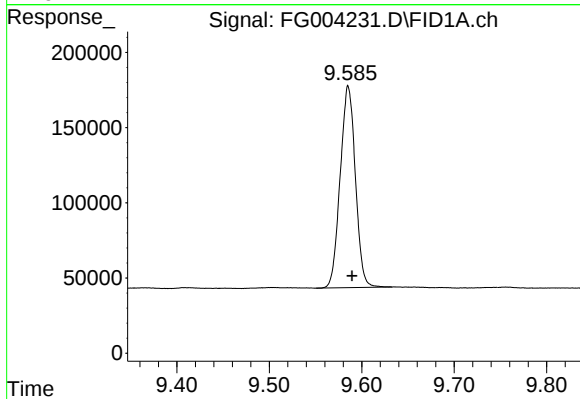
#3 N-DODECANE

R.T.: 6.190 min
Delta R.T.: -0.005 min
Response: 1456926
Conc: 10.75 ug/ml



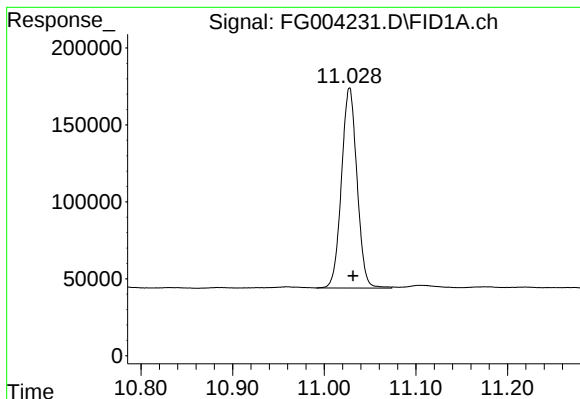
#4 N-TETRADECANE

R.T.: 7.985 min
Delta R.T.: -0.004 min
Response: 1493430
Conc: 10.71 ug/ml



#5 N-HEXADECANE

R.T.: 9.585 min
Delta R.T.: -0.004 min
Response: 1531564
Conc: 10.76 ug/ml



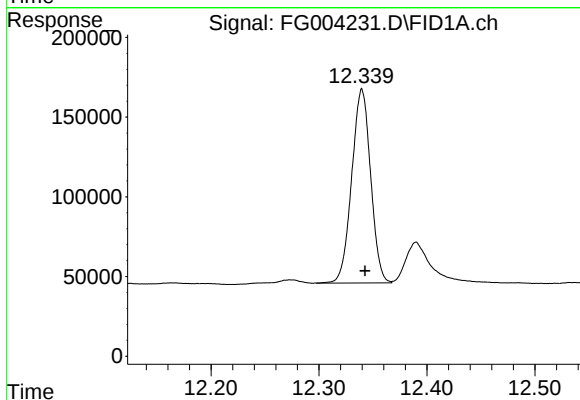
#6 N-OCTADECANE

R.T.: 11.028 min
Delta R.T.: -0.004 min
Response: 1531918
Conc: 10.68 ug/ml m

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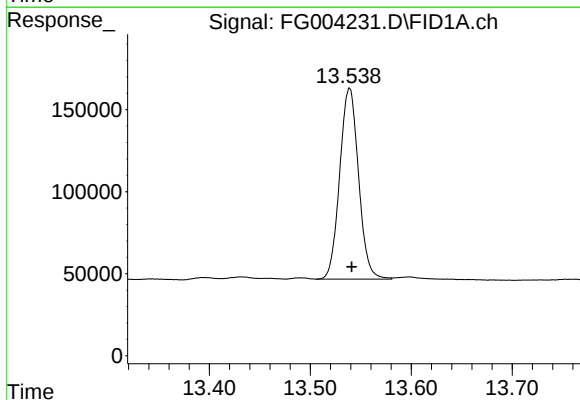
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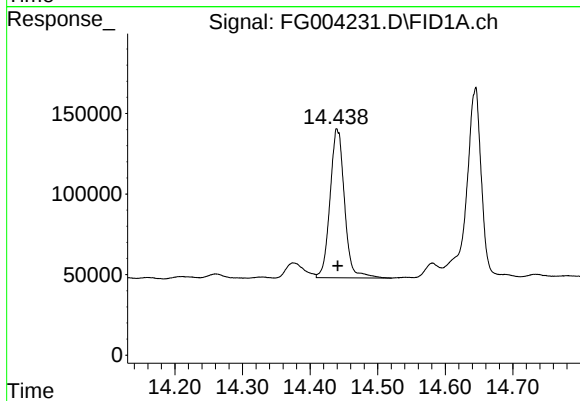
#7 N-EICOSANE

R.T.: 12.340 min
Delta R.T.: -0.003 min
Response: 1483170
Conc: 10.38 ug/ml



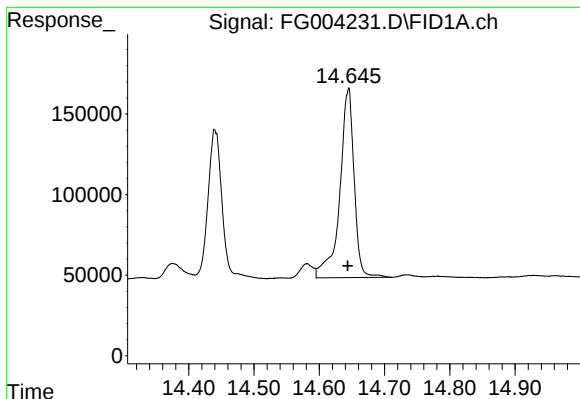
#8 N-DOCOSANE

R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 1511731
Conc: 10.65 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.440 min
Delta R.T.: -0.001 min
Response: 1372398
Conc: 10.92 ug/ml



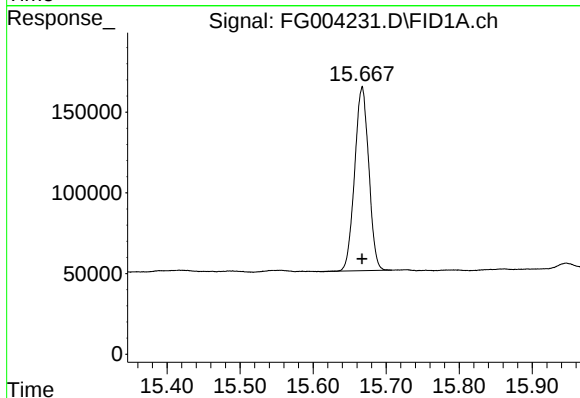
#10 N-TETRACOSANE

R.T.: 14.645 min
Delta R.T.: 0.001 min
Response: 1798700
Conc: 12.75 ug/ml

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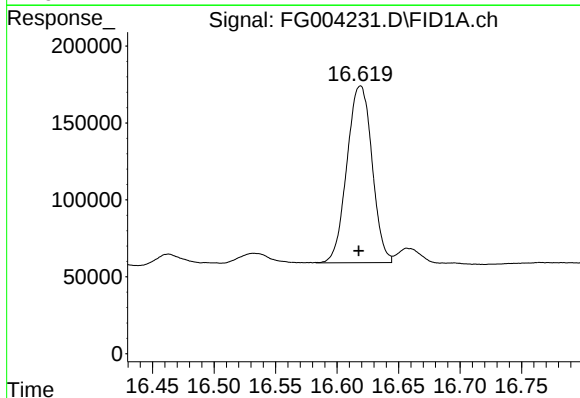
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#11 N-HEXACOSANE

R.T.: 15.667 min
Delta R.T.: 0.000 min
Response: 1526310
Conc: 10.96 ug/ml



#12 N-OCTACOSANE

R.T.: 16.619 min
Delta R.T.: 0.002 min
Response: 1633233
Conc: 11.93 ug/ml m

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Area Percent Report

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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	4.248	BH	149269	1448673	59.58%	3.807%
2	4.270	4.248	4.297	HH	349	6720	0.28%	0.018%
3	4.321	4.297	4.356	HH	1324	16828	0.69%	0.044%
4	4.384	4.356	4.615	HH	304	-29930	-1.23%	-0.079%
5	4.621	4.615	4.742	PH	-460	-44828	-1.84%	-0.118%
6	4.765	4.742	4.808	PH	-281	-22427	-0.92%	-0.059%
7	4.851	4.808	4.913	PH	-568	-42256	-1.74%	-0.111%
8	4.923	4.913	4.956	PH	-683	-17774	-0.73%	-0.047%
9	4.991	4.956	5.014	PH	-640	-24545	-1.01%	-0.065%
10	5.034	5.014	5.084	PH	-418	-26427	-1.09%	-0.069%
11	5.094	5.084	5.128	PH	-711	-20407	-0.84%	-0.054%
12	5.164	5.128	5.177	PH	-718	-22830	-0.94%	-0.060%
13	5.208	5.177	5.272	PH	-31	-36545	-1.50%	-0.096%
14	5.298	5.272	5.368	PH	-459	-37059	-1.52%	-0.097%
15	5.394	5.368	5.444	PH	-585	-31874	-1.31%	-0.084%
16	5.473	5.444	5.488	PH	-683	-19223	-0.79%	-0.051%
17	5.502	5.488	5.544	PH	-701	-25377	-1.04%	-0.067%
18	5.558	5.544	5.619	PH	-661	-37771	-1.55%	-0.099%
19	5.632	5.619	5.640	PH	-872	-11300	-0.46%	-0.030%
20	5.650	5.640	5.698	PH	-841	-30467	-1.25%	-0.080%
21	5.752	5.698	5.829	PH	-458	-54750	-2.25%	-0.144%
22	5.840	5.829	5.874	PH	-624	-17967	-0.74%	-0.047%
23	5.911	5.874	5.982	PH	1328	-22358	-0.92%	-0.059%
24	5.987	5.982	6.015	PH	-760	-16399	-0.67%	-0.043%
25	6.040	6.015	6.143	PH	-685	-60017	-2.47%	-0.158%
26	6.190	6.143	6.323	PH	137969	1411368	58.05%	3.709%
27	6.337	6.323	6.383	PH	-539	-23910	-0.98%	-0.063%
28	6.399	6.383	6.432	PH	-652	-20863	-0.86%	-0.055%
29	6.462	6.432	6.489	PH	-553	-24837	-1.02%	-0.065%
30	6.507	6.489	6.525	PH	-718	-16951	-0.70%	-0.045%
31	6.535	6.525	6.573	PH	-726	-22876	-0.94%	-0.060%
32	6.592	6.573	6.652	PH	-780	-39929	-1.64%	-0.105%
33	6.721	6.652	6.785	PH	-504	-52592	-2.16%	-0.138%
34	6.808	6.785	6.829	PH	-333	-13754	-0.57%	-0.036%
35	6.849	6.829	6.868	PH	-535	-14321	-0.59%	-0.038%
36	6.885	6.868	6.922	PH	-332	-20085	-0.83%	-0.053%

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37	6.943	6.922	6.974	PH	-485	-21011	-0.86%	-0.055%
38	6.985	6.974	7.035	PH	-705	-27375	-1.13%	-0.072%
39	7.057	7.035	7.085	PH	-640	-21301	-0.88%	-0.056%
40	7.113	7.085	7.165	PH	-161	-29532	-1.21%	-0.078%
41	7.178	7.165	7.248	PH	-759	-43388	-1.78%	-0.114%
42	7.286	7.248	7.346	PH	-790	-51228	-2.11%	-0.135%
43	7.388	7.346	7.469	PH	-602	-63460	-2.61%	-0.167%
44	7.511	7.469	7.520	PH	-379	-23134	-0.95%	-0.061%
45	7.531	7.520	7.544	PH	-517	-7950	-0.33%	-0.021%
46	7.558	7.544	7.604	PH	-309	-22900	-0.94%	-0.060%
47	7.636	7.604	7.647	PH	-748	-21069	-0.87%	-0.055%
48	7.663	7.647	7.692	PH	-689	-19729	-0.81%	-0.052%
49	7.733	7.692	7.788	PH	-573	-42086	-1.73%	-0.111%
50	7.834	7.788	7.858	PH	334	-17446	-0.72%	-0.046%
51	7.902	7.858	7.925	PH	-129	-15255	-0.63%	-0.040%
52	7.985	7.925	8.025	PH	133981	1501633	61.76%	3.946%
53	8.045	8.025	8.074	HH	20170	254045	10.45%	0.668%
54	8.085	8.074	8.144	HH	3392	66832	2.75%	0.176%
55	8.161	8.144	8.197	HH	1141	10155	0.42%	0.027%
56	8.216	8.197	8.259	PH	-65	-9732	-0.40%	-0.026%
57	8.276	8.259	8.304	PH	-385	-11973	-0.49%	-0.031%
58	8.351	8.304	8.364	PH	27	-8364	-0.34%	-0.022%
59	8.383	8.364	8.422	PH	693	6377	0.26%	0.017%
60	8.466	8.422	8.500	PH	571	8775	0.36%	0.023%
61	8.525	8.500	8.545	PH	527	4146	0.17%	0.011%
62	8.565	8.545	8.611	PH	4598	42212	1.74%	0.111%
63	8.625	8.611	8.640	PH	-177	-4448	-0.18%	-0.012%
64	8.662	8.640	8.685	PH	-104	-5969	-0.25%	-0.016%
65	8.720	8.685	8.771	PH	627	-134	-0.01%	-0.000%
66	8.808	8.771	8.868	PH	1479	16780	0.69%	0.044%
67	8.889	8.868	8.928	PH	1061	1458	0.06%	0.004%
68	8.945	8.928	8.971	PH	-77	-6897	-0.28%	-0.018%
69	8.992	8.971	9.014	PH	8	-6492	-0.27%	-0.017%
70	9.032	9.014	9.055	PH	-61	-6500	-0.27%	-0.017%
71	9.082	9.055	9.108	PH	-117	-8350	-0.34%	-0.022%
72	9.129	9.108	9.140	PH	-181	-5609	-0.23%	-0.015%
73	9.179	9.140	9.208	PH	1220	22232	0.91%	0.058%
74	9.225	9.208	9.281	HH	416	9955	0.41%	0.026%
75	9.314	9.281	9.343	PH	567	8373	0.34%	0.022%
76	9.365	9.343	9.391	PH	260	1678	0.07%	0.004%
77	9.410	9.391	9.439	PH	342	2232	0.09%	0.006%
78	9.452	9.439	9.472	PH	-21	-1868	-0.08%	-0.005%
79	9.503	9.472	9.517	PH	463	5909	0.24%	0.016%
80	9.520	9.517	9.551	HH	313	4184	0.17%	0.011%
81	9.585	9.551	9.722	HH	134350	1577157	64.87%	4.145%
82	9.755	9.722	9.789	HH	726	15532	0.64%	0.041%
83	9.827	9.789	9.887	HH	175	3904	0.16%	0.010%
84	9.968	9.887	9.995	PH	746	25004	1.03%	0.066%
85	10.047	9.995	10.080	HH	931	34591	1.42%	0.091%
86	10.095	10.080	10.148	HH	611	19256	0.79%	0.051%
87	10.168	10.148	10.183	HH	860	12838	0.53%	0.034%
88	10.201	10.183	10.218	HH	1211	18771	0.77%	0.049%
89	10.233	10.218	10.268	HH	1034	26485	1.09%	0.070%

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90	10.324	10.268	10.355	HH	2381	58991	2.43%	0.155%
91	10.393	10.355	10.433	HH	1234	43171	1.78%	0.113%
92	10.442	10.433	10.484	HH	937	19992	0.82%	0.053%
93	10.508	10.484	10.525	HH	777	14211	0.58%	0.037%
94	10.572	10.525	10.615	HH	10492	211842	8.71%	0.557%
95	10.623	10.615	10.635	HH	2886	32779	1.35%	0.086%
96	10.654	10.635	10.685	HH	3172	83357	3.43%	0.219%
97	10.697	10.685	10.764	HH	2417	90101	3.71%	0.237%
98	10.779	10.764	10.812	HH	1569	35809	1.47%	0.094%
99	10.832	10.812	10.861	HH	1084	26509	1.09%	0.070%
100	10.885	10.861	10.905	HH	1108	24027	0.99%	0.063%
101	10.959	10.905	10.991	HH	1581	57625	2.37%	0.151%
102	11.028	10.991	11.082	HH	131225	1577408	64.88%	4.145%
103	11.105	11.082	11.152	HH	2538	72578	2.99%	0.191%
104	11.177	11.152	11.197	HH	1577	36948	1.52%	0.097%
105	11.219	11.197	11.240	HH	1411	31055	1.28%	0.082%
106	11.269	11.240	11.284	HH	1098	27970	1.15%	0.074%
107	11.325	11.284	11.342	HH	1503	42263	1.74%	0.111%
108	11.377	11.342	11.392	HH	3314	68525	2.82%	0.180%
109	11.412	11.392	11.445	HH	3539	83679	3.44%	0.220%
110	11.485	11.445	11.504	HH	4095	95836	3.94%	0.252%
111	11.521	11.504	11.538	HH	3326	57496	2.36%	0.151%
112	11.556	11.538	11.614	HH	3035	93306	3.84%	0.245%
113	11.633	11.614	11.647	HH	1504	26271	1.08%	0.069%
114	11.666	11.647	11.675	HH	1735	26434	1.09%	0.069%
115	11.698	11.675	11.742	HH	2717	74968	3.08%	0.197%
116	11.778	11.742	11.802	HH	2819	78039	3.21%	0.205%
117	11.856	11.802	11.867	HH	2500	88412	3.64%	0.232%
118	11.887	11.867	11.932	HH	3054	93341	3.84%	0.245%
119	11.960	11.932	12.092	HH	21036	526105	21.64%	1.383%
120	12.118	12.092	12.142	HH	2616	71867	2.96%	0.189%
121	12.164	12.142	12.219	HH	2793	108737	4.47%	0.286%
122	12.274	12.219	12.296	HH	4642	140967	5.80%	0.370%
123	12.340	12.296	12.367	HH	123540	1600142	65.81%	4.205%
124	12.390	12.367	12.511	HH	28104	650972	26.77%	1.711%
125	12.548	12.511	12.564	HH	3018	89184	3.67%	0.234%
126	12.585	12.564	12.623	HH	3412	104251	4.29%	0.274%
127	12.641	12.623	12.657	HH	2733	53913	2.22%	0.142%
128	12.685	12.657	12.728	HH	26266	460861	18.96%	1.211%
129	12.746	12.728	12.770	HH	5473	115064	4.73%	0.302%
130	12.787	12.770	12.848	HH	4062	156220	6.43%	0.411%
131	12.859	12.848	12.922	HH	2917	112846	4.64%	0.297%
132	12.952	12.922	12.967	HH	4283	85531	3.52%	0.225%
133	12.986	12.967	13.010	HH	4646	105351	4.33%	0.277%
134	13.024	13.010	13.063	HH	3938	103872	4.27%	0.273%
135	13.088	13.063	13.128	HH	2957	109013	4.48%	0.286%
136	13.154	13.128	13.188	HH	4359	126279	5.19%	0.332%
137	13.199	13.188	13.234	HH	3307	81428	3.35%	0.214%
138	13.287	13.234	13.328	HH	5285	222196	9.14%	0.584%
139	13.343	13.328	13.372	HH	3592	89157	3.67%	0.234%
140	13.395	13.372	13.411	HH	4425	90356	3.72%	0.237%
141	13.432	13.411	13.475	HH	4806	156510	6.44%	0.411%

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142	13.490	13.475	13.505	HH	4224	71642	2.95%	0.188%
143	13.539	13.505	13.582	HH	119764	1670641	68.71%	4.391%
144	13.598	13.582	13.703	HH	4822	255693	10.52%	0.672%
145	13.759	13.703	13.785	HH	3396	149257	6.14%	0.392%
146	13.792	13.785	13.822	HH	2957	62983	2.59%	0.166%
147	13.830	13.822	13.855	HH	2849	55714	2.29%	0.146%
148	13.901	13.855	13.914	HH	3185	106359	4.37%	0.280%
149	13.940	13.914	13.978	HH	5018	157148	6.46%	0.413%
150	14.022	13.978	14.042	HH	4098	146985	6.05%	0.386%
151	14.059	14.042	14.074	HH	4275	80012	3.29%	0.210%
152	14.104	14.074	14.143	HH	7400	223157	9.18%	0.586%
153	14.160	14.143	14.184	HH	4981	113188	4.66%	0.297%
154	14.210	14.184	14.236	HH	5530	159621	6.57%	0.419%
155	14.261	14.236	14.307	HH	7198	235850	9.70%	0.620%
156	14.328	14.307	14.347	HH	5262	117970	4.85%	0.310%
157	14.376	14.347	14.408	HH	14067	348613	14.34%	0.916%
158	14.440	14.408	14.520	HH	96209	1693249	69.64%	4.450%
159	14.542	14.520	14.555	HH	5114	103386	4.25%	0.272%
160	14.581	14.555	14.595	HH	13926	241067	9.92%	0.634%
161	14.644	14.595	14.711	HH	123287	2168509	89.19%	5.699%
162	14.734	14.711	14.762	HH	6958	188856	7.77%	0.496%
163	14.781	14.762	14.854	HH	6146	312893	12.87%	0.822%
164	14.889	14.854	14.897	HH	5750	140460	5.78%	0.369%
165	14.928	14.897	14.950	HH	6644	200197	8.23%	0.526%
166	14.962	14.950	14.997	HH	6511	171184	7.04%	0.450%
167	15.032	14.997	15.110	HH	37294	977895	40.22%	2.570%
168	15.173	15.110	15.198	HH	16585	515404	21.20%	1.355%
169	15.217	15.198	15.238	HH	11886	232015	9.54%	0.610%
170	15.261	15.238	15.287	HH	11452	280621	11.54%	0.737%
171	15.294	15.287	15.333	HH	8798	225108	9.26%	0.592%
172	15.418	15.333	15.468	HH	8807	666211	27.40%	1.751%
173	15.487	15.468	15.518	HH	8315	239321	9.84%	0.629%
174	15.554	15.518	15.576	HH	8795	294505	12.11%	0.774%
175	15.585	15.576	15.613	HH	8179	175659	7.22%	0.462%
176	15.667	15.613	15.709	HH	122646	2017507	82.98%	5.302%
177	15.727	15.709	15.748	HH	9144	209434	8.61%	0.550%
178	15.756	15.748	15.768	HH	8813	104330	4.29%	0.274%
179	15.792	15.768	15.816	HH	8978	250354	10.30%	0.658%
180	15.861	15.816	15.875	HH	9659	328007	13.49%	0.862%
181	15.947	15.875	16.002	HH	13203	808629	33.26%	2.125%
182	16.050	16.002	16.092	HH	14702	660804	27.18%	1.737%
183	16.148	16.092	16.211	HH	33023	1321110	54.34%	3.472%
184	16.225	16.211	16.253	HH	15305	358132	14.73%	0.941%
185	16.278	16.253	16.298	HH	14484	370102	15.22%	0.973%
186	16.312	16.298	16.324	HH	13797	210237	8.65%	0.553%
187	16.341	16.324	16.384	HH	13950	482004	19.82%	1.267%
188	16.421	16.384	16.437	HH	15635	450919	18.55%	1.185%
189	16.463	16.437	16.504	HH	21532	699548	28.77%	1.838%
190	16.533	16.504	16.573	HH	22067	755412	31.07%	1.985%
191	16.619	16.573	16.652	HHA	130875	2431315	100.00%	6.390%
					Sum of corrected areas:		38051242	

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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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