

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030819\
 Data File : FF003763.D
 Signal(s) : FID2B.ch
 Acq On : 08 Mar 2019 14:38
 Operator : AJ\SJ
 Sample : K1732-03MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SB-07(22-23)-20190301MSD

Manual Integrations
 APPROVED

Sohil
 3/11/2019 10:37:02 AM

Integration File: autoint1.e
 Quant Time: Mar 08 21:47:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Quant Title :
 QLast Update : Mon Mar 04 08:35:38 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...	14.587	1892014	13.589 ug/ml
Target Compounds			
1) N-OCTANE	2.231	1405019	9.152 ug/ml
2) N-DECANE	4.319	2238029	14.550 ug/ml
3) N-DODECANE	6.339	2359168	15.117 ug/ml
4) N-TETRADECANE	8.131	2448291	15.270 ug/ml
5) N-HEXADECANE	9.732	2437566	14.966 ug/ml
6) N-OCTADECANE	11.174	2406438	14.606 ug/ml
7) N-EICOSANE	12.485	2342115	14.317 ug/ml
8) N-DOCOSANE	13.686	2267237	14.048 ug/ml
10) N-TETRACOSANE	14.791	2258606	14.275 ug/ml
11) N-HEXACOSANE	15.815	2218319	14.373 ug/ml
12) N-OCTACOSANE	16.768	2206353	14.601 ug/ml
13) N-TRIACONTANE	17.658	2238389	15.217 ug/ml
14) N-DOTRIACONTANE	18.494	2746481	19.313 ug/ml
15) N-TETRATRIACONTANE	19.280	2002575	14.956 ug/ml
16) N-HEXATRIACONTANE	20.024	1953560	14.972 ug/ml
17) N-OCTATRIACONTANE	20.753	1750376	15.160 ug/ml
18) N-TETRACONTANE	21.642	2082960	16.743 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030819\
Data File : FF003763.D
Signal(s) : FID2B.ch
Acq On : 08 Mar 2019 14:38
Operator : AJ\SJ
Sample : K1732-03MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

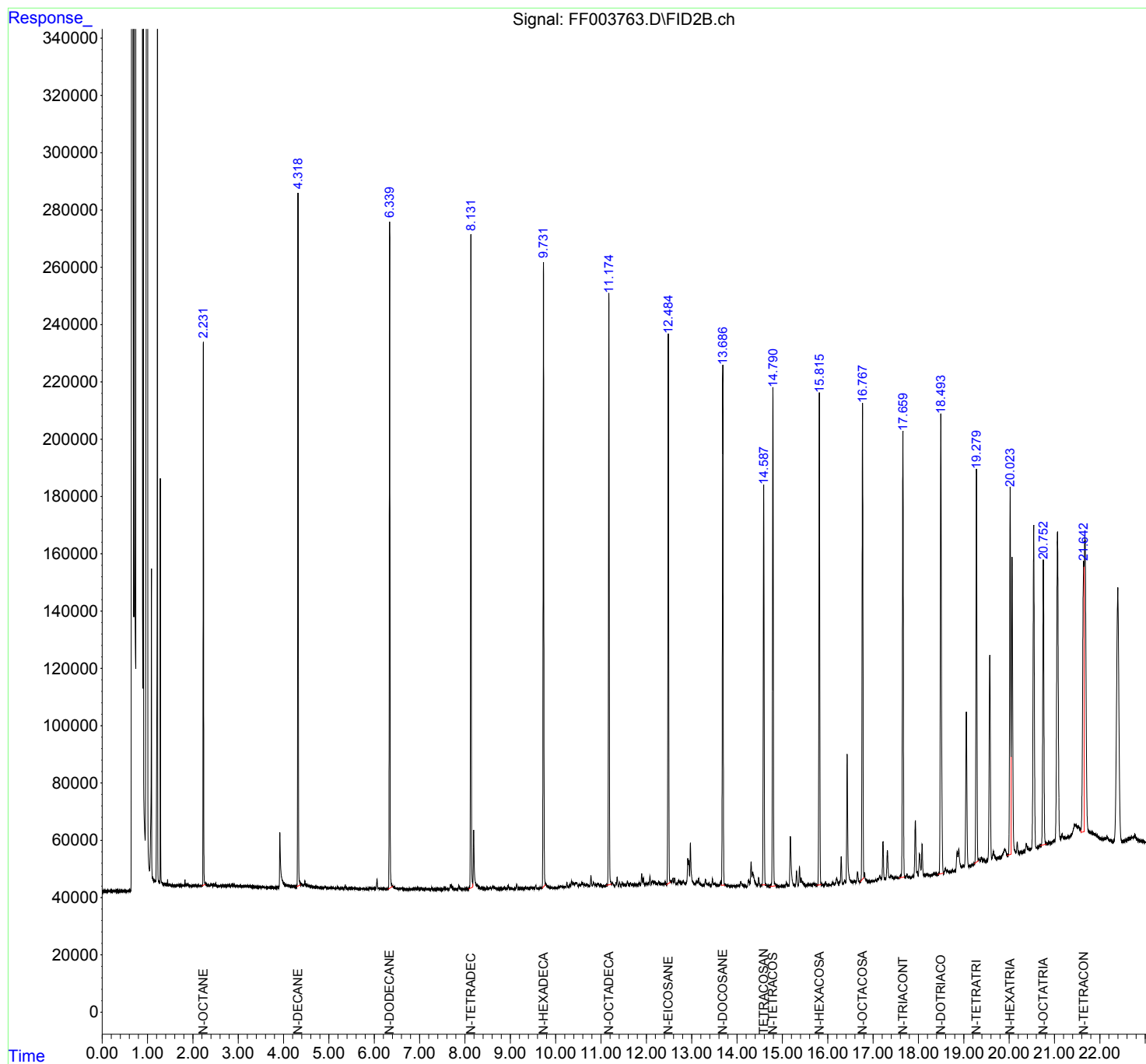
Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

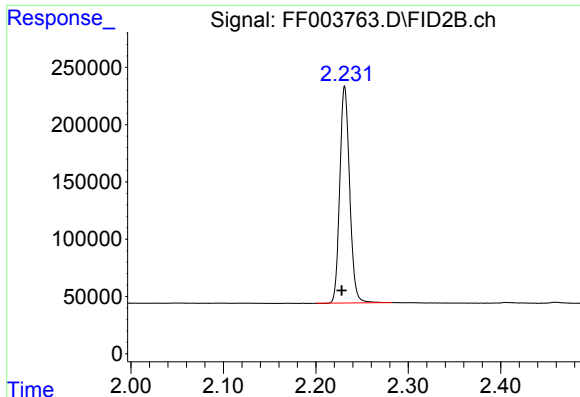
Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

Integration File: autoint1.e
Quant Time: Mar 08 21:47:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
Quant Title :
QLast Update : Mon Mar 04 08:35:38 2019
Response via : Initial Calibration
Integrator: ChemStation

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





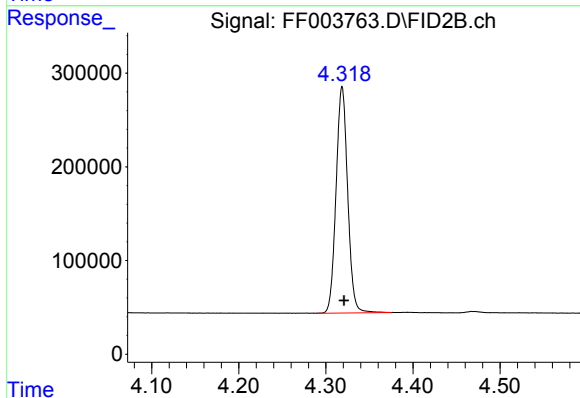
#1 N-OCTANE

R.T.: 2.231 min
Delta R.T.: 0.003 min
Response: 1405019
Conc: 9.15 ug/ml

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

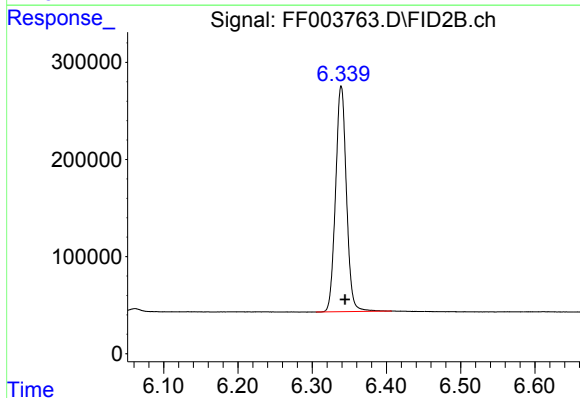
Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM



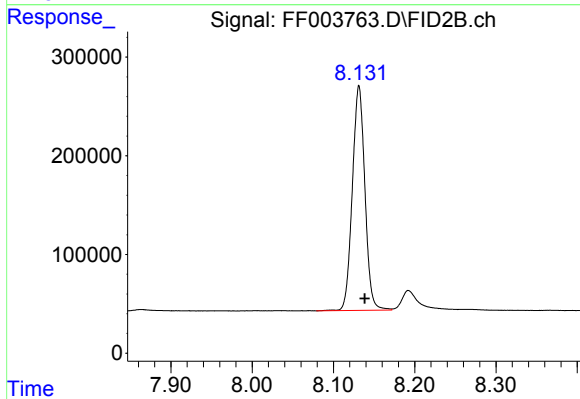
#2 N-DECANE

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 2238029
Conc: 14.55 ug/ml



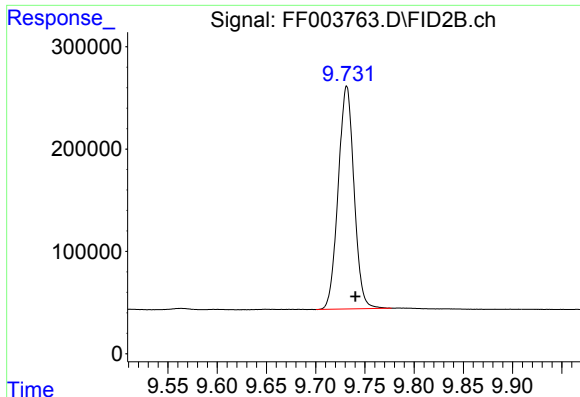
#3 N-DODECANE

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 2359168
Conc: 15.12 ug/ml



#4 N-TETRADECANE

R.T.: 8.131 min
Delta R.T.: -0.007 min
Response: 2448291
Conc: 15.27 ug/ml



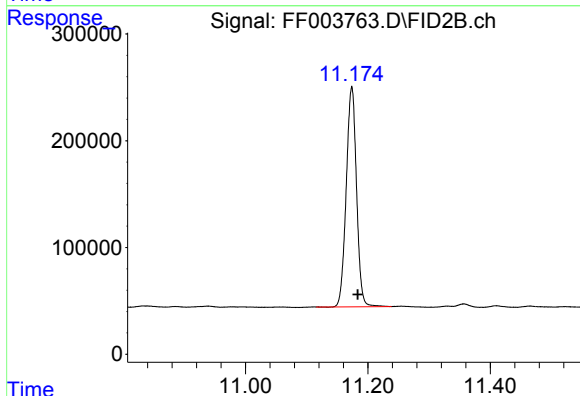
#5 N-HEXADECANE

R.T.: 9.732 min
Delta R.T.: -0.009 min
Response: 2437566
Conc: 14.97 ug/ml

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

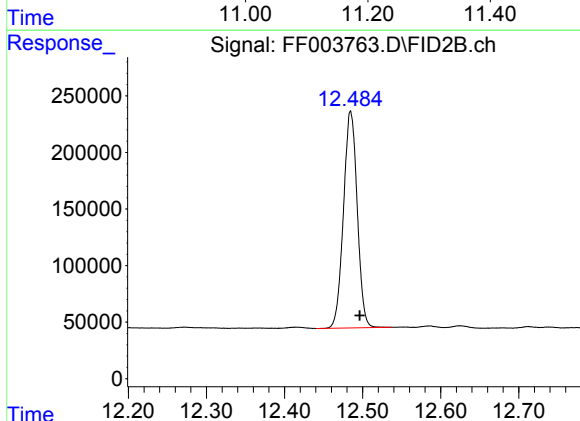
Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM



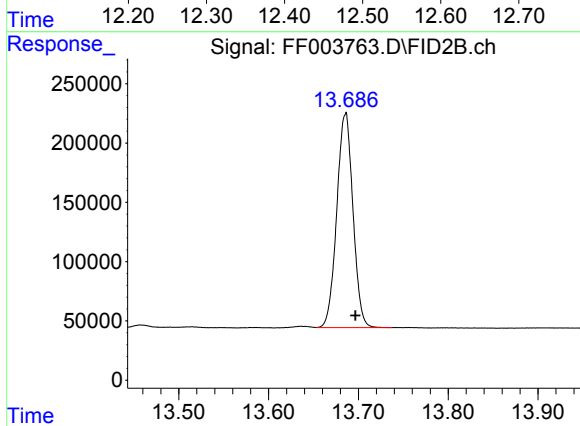
#6 N-OCTADECANE

R.T.: 11.174 min
Delta R.T.: -0.010 min
Response: 2406438
Conc: 14.61 ug/ml



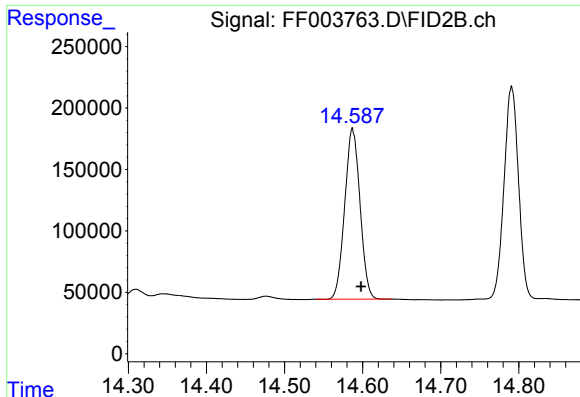
#7 N-EICOSANE

R.T.: 12.485 min
Delta R.T.: -0.012 min
Response: 2342115
Conc: 14.32 ug/ml



#8 N-DOCOSANE

R.T.: 13.686 min
Delta R.T.: -0.011 min
Response: 2267237
Conc: 14.05 ug/ml



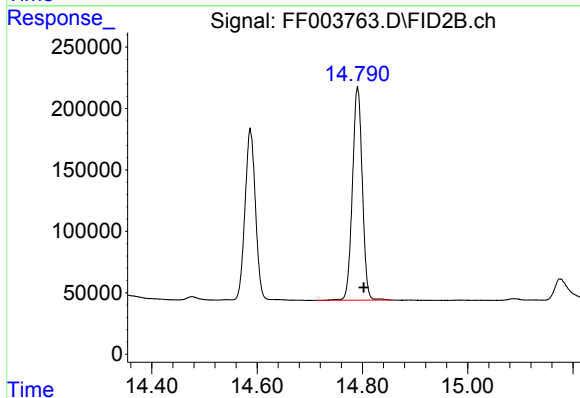
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.587 min
Delta R.T.: -0.011 min
Response: 1892014
Conc: 13.59 ug/ml

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

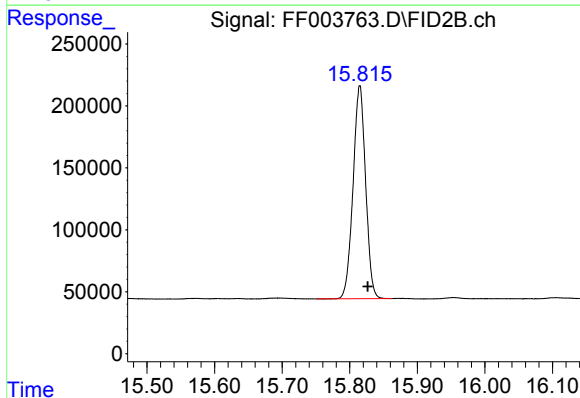
Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM



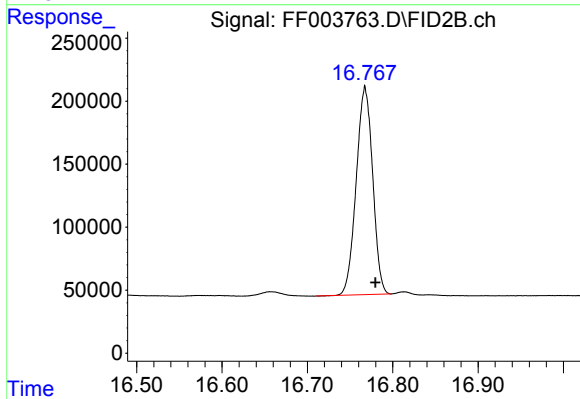
#10 N-TETRACOSANE

R.T.: 14.791 min
Delta R.T.: -0.012 min
Response: 2258606
Conc: 14.28 ug/ml



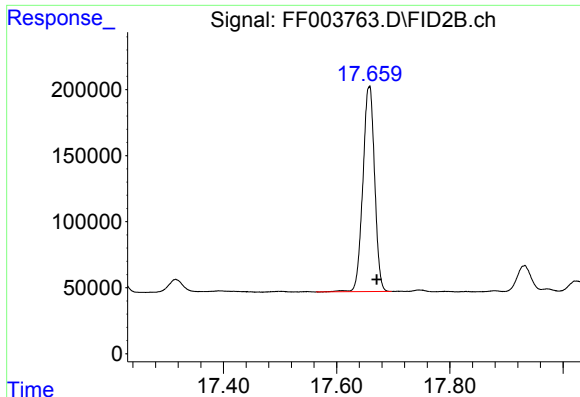
#11 N-HEXACOSANE

R.T.: 15.815 min
Delta R.T.: -0.012 min
Response: 2218319
Conc: 14.37 ug/ml



#12 N-OCTACOSANE

R.T.: 16.768 min
Delta R.T.: -0.012 min
Response: 2206353
Conc: 14.60 ug/ml



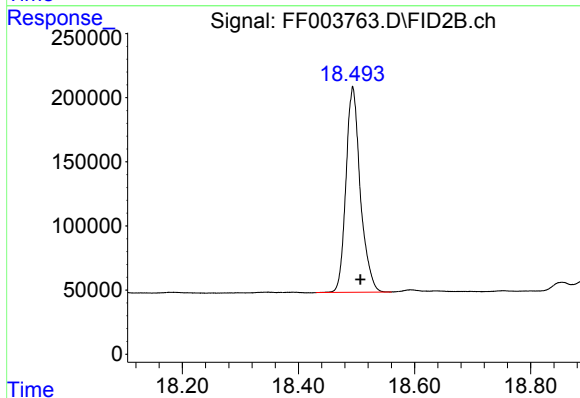
#13 N-TRIACONTANE

R.T.: 17.658 min
Delta R.T.: -0.013 min
Response: 2238389
Conc: 15.22 ug/ml

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

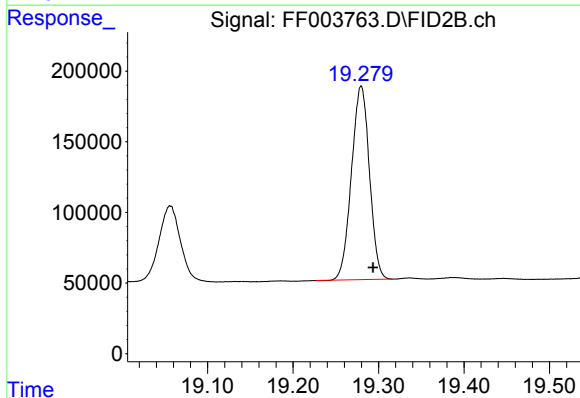
Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM



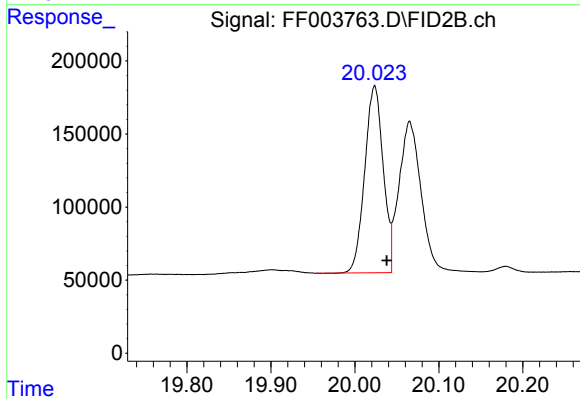
#14 N-DOTRIACONTANE

R.T.: 18.494 min
Delta R.T.: -0.013 min
Response: 2746481
Conc: 19.31 ug/ml



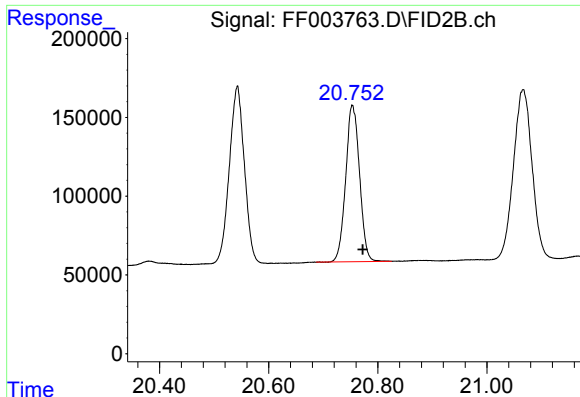
#15 N-TETRATRIACONTANE

R.T.: 19.280 min
Delta R.T.: -0.014 min
Response: 2002575
Conc: 14.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.024 min
Delta R.T.: -0.014 min
Response: 1953560
Conc: 14.97 ug/ml



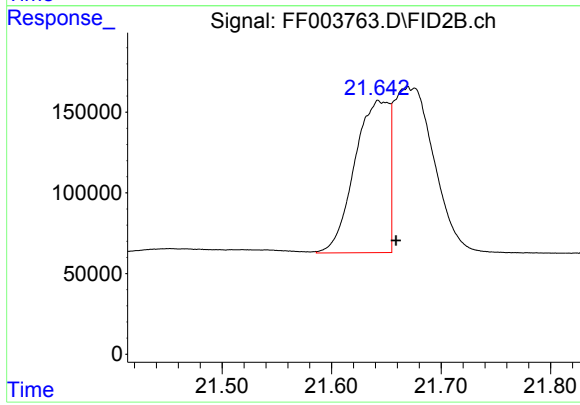
#17 N-OCTATRIACONTANE

R.T.: 20.753 min
Delta R.T.: -0.019 min
Response: 1750376
Conc: 15.16 ug/ml

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM



#18 N-TETRACONTANE

R.T.: 21.642 min
Delta R.T.: -0.017 min
Response: 2082960
Conc: 16.74 ug/ml m

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

rteres

Area Percent Report

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030819\
Data File : FF003763.D
Signal(s) : FID2B.ch
Acq On : 08 Mar 2019 14:38
Sample : K1732-03MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.231	2.212	2.294	PH	188046	1401799	36.54%	1.869%
2	2.300	2.294	2.327	PH	122	-1013	-0.03%	-0.001%
3	2.328	2.327	2.359	PH	-122	-4703	-0.12%	-0.006%
4	2.361	2.359	2.386	PH	-233	-5219	-0.14%	-0.007%
5	2.406	2.386	2.446	PH	248	-6186	-0.16%	-0.008%
6	2.459	2.446	2.482	PH	478	-1575	-0.04%	-0.002%
7	2.500	2.482	2.520	PH	289	-5950	-0.16%	-0.008%
8	2.530	2.520	2.540	PH	-530	-7667	-0.20%	-0.010%
9	2.556	2.540	2.561	PH	-497	-7271	-0.19%	-0.010%
10	2.571	2.561	2.576	PH	-424	-5027	-0.13%	-0.007%
11	2.587	2.576	2.618	PH	-420	-12398	-0.32%	-0.017%
12	2.625	2.618	2.645	PH	-430	-8280	-0.22%	-0.011%
13	2.649	2.645	2.654	PH	-521	-2610	-0.07%	-0.003%
14	2.685	2.654	2.699	PH	-428	-13218	-0.34%	-0.018%
15	2.776	2.699	2.833	PH	-367	-37070	-0.97%	-0.049%
16	2.864	2.833	2.994	PH	-30	-32185	-0.84%	-0.043%
17	3.007	2.994	3.034	PH	-425	-11832	-0.31%	-0.016%
18	3.049	3.034	3.140	PH	-443	-36211	-0.94%	-0.048%
19	3.161	3.140	3.193	PH	-501	-17578	-0.46%	-0.023%
20	3.202	3.193	3.234	PH	-502	-13749	-0.36%	-0.018%
21	3.250	3.234	3.380	PH	-493	-62556	-1.63%	-0.083%
22	3.389	3.380	3.460	PH	-777	-40575	-1.06%	-0.054%
23	3.464	3.460	3.533	PH	-838	-40655	-1.06%	-0.054%
24	3.550	3.533	3.614	PH	-687	-45056	-1.17%	-0.060%
25	3.622	3.614	3.672	PH	-922	-35514	-0.93%	-0.047%
26	3.706	3.672	3.717	PH	-1021	-27674	-0.72%	-0.037%
27	3.735	3.717	3.769	PH	-972	-32084	-0.84%	-0.043%
28	3.790	3.769	3.820	PH	-1009	-32576	-0.85%	-0.043%
29	3.828	3.820	3.870	PH	-920	-30113	-0.78%	-0.040%
30	3.919	3.870	4.107	PH	17901	248680	6.48%	0.332%
31	4.119	4.107	4.247	PH	-360	-50505	-1.32%	-0.067%
32	4.252	4.247	4.265	PH	-661	-7309	-0.19%	-0.010%
33	4.276	4.265	4.289	PH	-680	-9988	-0.26%	-0.013%
34	4.319	4.289	4.379	PH	241456	2217676	57.81%	2.957%
35	4.394	4.379	4.449	PH	263	-3142	-0.08%	-0.004%
36	4.469	4.449	4.517	PH	1099	3478	0.09%	0.005%

					rteres			
37	4.522	4.517	4.608	PH	-244	-27984	-0.73%	-0.037%
38	4.617	4.608	4.735	PH	-696	-65771	-1.71%	-0.088%
39	4.744	4.735	4.813	PH	-877	-47893	-1.25%	-0.064%
40	4.822	4.813	4.886	PH	-991	-50447	-1.31%	-0.067%
41	4.914	4.886	4.955	PH	-470	-39730	-1.04%	-0.053%
42	4.962	4.955	4.992	PH	-1142	-25829	-0.67%	-0.034%
43	5.001	4.992	5.022	PH	-1185	-21942	-0.57%	-0.029%
44	5.052	5.022	5.160	PH	-1094	-99568	-2.60%	-0.133%
45	5.191	5.160	5.275	PH	-908	-80284	-2.09%	-0.107%
46	5.281	5.275	5.300	PH	-1208	-19251	-0.50%	-0.026%
47	5.307	5.300	5.335	PH	-1192	-27561	-0.72%	-0.037%
48	5.359	5.335	5.425	PH	-223	-61127	-1.59%	-0.082%
49	5.450	5.425	5.479	PH	-1226	-41385	-1.08%	-0.055%
50	5.487	5.479	5.505	PH	-1246	-20991	-0.55%	-0.028%
51	5.524	5.505	5.579	PH	-1233	-58427	-1.52%	-0.078%
52	5.599	5.579	5.627	PH	-1308	-39794	-1.04%	-0.053%
53	5.632	5.627	5.671	PH	-1371	-38209	-1.00%	-0.051%
54	5.705	5.671	5.737	PH	-1403	-58519	-1.53%	-0.078%
55	5.743	5.737	5.756	PH	-1404	-17064	-0.44%	-0.023%
56	5.777	5.756	5.792	PH	-1366	-32139	-0.84%	-0.043%
57	5.804	5.792	5.834	PH	-1386	-37336	-0.97%	-0.050%
58	5.842	5.834	5.867	PH	-1478	-30954	-0.81%	-0.041%
59	5.898	5.867	5.932	PH	-1002	-51746	-1.35%	-0.069%
60	5.949	5.932	5.969	PH	-1266	-30362	-0.79%	-0.040%
61	5.997	5.969	6.020	PH	-1348	-43065	-1.12%	-0.057%
62	6.061	6.020	6.119	PH	1927	-40490	-1.06%	-0.054%
63	6.132	6.119	6.169	PH	-1263	-42371	-1.10%	-0.056%
64	6.191	6.169	6.255	PH	-1378	-75370	-1.96%	-0.100%
65	6.263	6.255	6.305	PH	-1533	-46058	-1.20%	-0.061%
66	6.339	6.305	6.484	PH	231329	2244030	58.49%	2.992%
67	6.488	6.484	6.547	PH	-1188	-52152	-1.36%	-0.070%
68	6.561	6.547	6.577	PH	-1326	-24380	-0.64%	-0.033%
69	6.611	6.577	6.697	PH	-1226	-105475	-2.75%	-0.141%
70	6.705	6.697	6.775	PH	-1527	-75680	-1.97%	-0.101%
71	6.777	6.775	6.802	PH	-1561	-26084	-0.68%	-0.035%
72	6.811	6.802	6.818	PH	-1619	-15703	-0.41%	-0.021%
73	6.883	6.818	6.927	PH	-1320	-98190	-2.56%	-0.131%
74	6.961	6.927	6.985	PH	-1028	-48372	-1.26%	-0.064%
75	7.004	6.985	7.017	PH	-1469	-28764	-0.75%	-0.038%
76	7.038	7.017	7.079	PH	-1255	-55544	-1.45%	-0.074%
77	7.100	7.079	7.130	PH	-1597	-50979	-1.33%	-0.068%
78	7.140	7.130	7.183	PH	-1499	-50412	-1.31%	-0.067%
79	7.188	7.183	7.195	PH	-1659	-12023	-0.31%	-0.016%
80	7.214	7.195	7.223	PH	-1564	-27125	-0.71%	-0.036%
81	7.264	7.223	7.305	PH	-988	-75313	-1.96%	-0.100%
82	7.325	7.305	7.358	PH	-1556	-53221	-1.39%	-0.071%
83	7.399	7.358	7.469	PH	-1279	-112371	-2.93%	-0.150%
84	7.488	7.469	7.497	PH	-1670	-29442	-0.77%	-0.039%
85	7.503	7.497	7.512	PH	-1727	-15866	-0.41%	-0.021%
86	7.541	7.512	7.603	PH	-989	-81764	-2.13%	-0.109%
87	7.681	7.603	7.697	PH	-64	-67999	-1.77%	-0.091%
88	7.708	7.697	7.774	PH	-397	-53646	-1.40%	-0.072%
89	7.785	7.774	7.812	PH	-1568	-38186	-1.00%	-0.051%

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

					rt	Area	Height	Area%
90	7.827	7.812	7.841	PH	-1435	-27363	-0.71%	-0.036%
91	7.864	7.841	7.933	PH	-291	-68959	-1.80%	-0.092%
92	7.942	7.933	7.982	PH	-1555	-48397	-1.26%	-0.065%
93	8.006	7.982	8.025	PH	-1494	-40622	-1.06%	-0.054%
94	8.033	8.025	8.054	PH	-1404	-25187	-0.66%	-0.034%
95	8.131	8.054	8.171	PH	227003	2357621	61.45%	3.144%
96	8.193	8.171	8.351	HH	19051	200092	5.22%	0.267%
97	8.366	8.351	8.449	PH	-1028	-76233	-1.99%	-0.102%
98	8.487	8.449	8.520	PH	-1014	-56945	-1.48%	-0.076%
99	8.556	8.520	8.592	PH	-899	-54162	-1.41%	-0.072%
100	8.613	8.592	8.660	PH	-712	-41231	-1.07%	-0.055%
101	8.667	8.660	8.709	PH	-1148	-39178	-1.02%	-0.052%
102	8.716	8.709	8.751	PH	-1378	-36882	-0.96%	-0.049%
103	8.758	8.751	8.767	PH	-1476	-15107	-0.39%	-0.020%
104	8.786	8.767	8.801	PH	-1455	-31229	-0.81%	-0.042%
105	8.815	8.801	8.830	PH	-1515	-26672	-0.70%	-0.036%
106	8.873	8.830	8.932	PH	-986	-82265	-2.14%	-0.110%
107	8.954	8.932	8.984	PH	-345	-31248	-0.81%	-0.042%
108	9.000	8.984	9.032	PH	-1315	-41144	-1.07%	-0.055%
109	9.040	9.032	9.053	PH	-1466	-18935	-0.49%	-0.025%
110	9.074	9.053	9.100	PH	-1449	-44285	-1.15%	-0.059%
111	9.108	9.100	9.114	PH	-1485	-12325	-0.32%	-0.016%
112	9.144	9.114	9.169	PH	-32	-29861	-0.78%	-0.040%
113	9.184	9.169	9.204	PH	-1042	-26986	-0.70%	-0.036%
114	9.213	9.204	9.222	PH	-1457	-16099	-0.42%	-0.021%
115	9.238	9.222	9.267	PH	-1250	-37279	-0.97%	-0.050%
116	9.334	9.267	9.356	PH	-889	-69561	-1.81%	-0.093%
117	9.371	9.356	9.394	PH	-1000	-27528	-0.72%	-0.037%
118	9.414	9.394	9.434	PH	-1226	-31507	-0.82%	-0.042%
119	9.457	9.434	9.491	PH	-838	-40458	-1.05%	-0.054%
120	9.511	9.491	9.534	PH	-1019	-31740	-0.83%	-0.042%
121	9.563	9.534	9.585	PH	-167	-29606	-0.77%	-0.039%
122	9.598	9.585	9.630	PH	-1181	-37356	-0.97%	-0.050%
123	9.650	9.630	9.667	PH	-1147	-27378	-0.71%	-0.037%
124	9.677	9.667	9.698	PH	-1095	-22354	-0.58%	-0.030%
125	9.731	9.698	9.884	PH	217718	2367372	61.71%	3.157%
126	9.898	9.884	9.979	PH	-1013	-65298	-1.70%	-0.087%
127	9.998	9.979	10.038	PH	-960	-40869	-1.07%	-0.054%
128	10.061	10.038	10.090	PH	-669	-27845	-0.73%	-0.037%
129	10.117	10.090	10.140	PH	-493	-21706	-0.57%	-0.029%
130	10.152	10.140	10.195	PH	-666	-28182	-0.73%	-0.038%
131	10.210	10.195	10.225	PH	-666	-14092	-0.37%	-0.019%
132	10.248	10.225	10.275	PH	586	-9338	-0.24%	-0.012%
133	10.316	10.275	10.332	PH	100	-15425	-0.40%	-0.021%
134	10.352	10.332	10.365	PH	1198	9762	0.25%	0.013%
135	10.375	10.365	10.389	HH	610	6026	0.16%	0.008%
136	10.400	10.389	10.419	HH	722	5458	0.14%	0.007%
137	10.447	10.419	10.460	PH	708	9963	0.26%	0.013%
138	10.468	10.460	10.499	HH	646	-57	-0.00%	-0.000%
139	10.527	10.499	10.553	PH	41	-5901	-0.15%	-0.008%
140	10.573	10.553	10.585	PH	445	2789	0.07%	0.004%
141	10.598	10.585	10.622	HH	373	3136	0.08%	0.004%

					rteres			
142	10.637	10.622	10.666	PH	281	-1881	-0.05%	-0.003%
143	10.692	10.666	10.722	PH	196	-5656	-0.15%	-0.008%
144	10.732	10.722	10.750	PH	-301	-6623	-0.17%	-0.009%
145	10.778	10.750	10.810	PH	3104	27606	0.72%	0.037%
146	10.835	10.810	10.870	PH	667	5394	0.14%	0.007%
147	10.886	10.870	10.904	PH	203	-2095	-0.05%	-0.003%
148	10.938	10.904	10.960	PH	495	833	0.02%	0.001%
149	10.978	10.960	11.030	PH	-120	-13660	-0.36%	-0.018%
150	11.059	11.030	11.087	PH	-302	-15966	-0.42%	-0.021%
151	11.113	11.087	11.135	PH	-182	-10643	-0.28%	-0.014%
152	11.174	11.135	11.239	PH	206324	2406302	62.72%	3.209%
153	11.254	11.239	11.300	HH	513	1616	0.04%	0.002%
154	11.357	11.300	11.390	PH	2676	24817	0.65%	0.033%
155	11.410	11.390	11.444	PH	934	1622	0.04%	0.002%
156	11.465	11.444	11.504	PH	630	797	0.02%	0.001%
157	11.522	11.504	11.551	PH	62	-4964	-0.13%	-0.007%
158	11.583	11.551	11.625	PH	1305	11263	0.29%	0.015%
159	11.652	11.625	11.678	PH	662	4255	0.11%	0.006%
160	11.697	11.678	11.716	PH	284	-339	-0.01%	-0.000%
161	11.740	11.716	11.766	PH	170	-1374	-0.04%	-0.002%
162	11.778	11.766	11.787	PH	-74	-2035	-0.05%	-0.003%
163	11.801	11.787	11.812	PH	-3	-1490	-0.04%	-0.002%
164	11.842	11.812	11.867	PH	510	5151	0.13%	0.007%
165	11.898	11.867	11.919	PH	3870	48404	1.26%	0.065%
166	11.935	11.919	11.960	HH	2359	29982	0.78%	0.040%
167	11.995	11.960	12.015	PH	372	5457	0.14%	0.007%
168	12.043	12.015	12.060	PH	683	9610	0.25%	0.013%
169	12.080	12.060	12.105	HH	2912	35596	0.93%	0.047%
170	12.136	12.105	12.168	HH	1294	28863	0.75%	0.038%
171	12.183	12.168	12.227	HH	857	21974	0.57%	0.029%
172	12.234	12.227	12.245	HH	308	3013	0.08%	0.004%
173	12.272	12.245	12.328	HH	1085	24547	0.64%	0.033%
174	12.343	12.328	12.353	HH	186	2297	0.06%	0.003%
175	12.365	12.353	12.390	HH	238	3714	0.10%	0.005%
176	12.415	12.390	12.445	HH	1021	14038	0.37%	0.019%
177	12.485	12.445	12.538	PH	191214	2367956	61.72%	3.157%
178	12.552	12.538	12.567	HH	1095	18051	0.47%	0.024%
179	12.585	12.567	12.605	HH	2089	32818	0.86%	0.044%
180	12.625	12.605	12.655	HH	2218	34674	0.90%	0.046%
181	12.679	12.655	12.692	HH	427	6445	0.17%	0.009%
182	12.712	12.692	12.727	HH	1585	19943	0.52%	0.027%
183	12.738	12.727	12.759	HH	1197	15539	0.41%	0.021%
184	12.773	12.759	12.789	HH	681	9423	0.25%	0.013%
185	12.813	12.789	12.842	HH	1500	26154	0.68%	0.035%
186	12.856	12.842	12.870	HH	491	7308	0.19%	0.010%
187	12.915	12.870	12.927	HH	9078	128036	3.34%	0.171%
188	12.936	12.927	12.953	HH	8515	105158	2.74%	0.140%
189	12.972	12.953	13.079	HH	14477	253874	6.62%	0.339%
190	13.119	13.079	13.134	HH	1070	24623	0.64%	0.033%
191	13.153	13.134	13.175	HH	2258	28983	0.76%	0.039%
192	13.186	13.175	13.237	HH	547	1824	0.05%	0.002%
193	13.252	13.237	13.280	PH	-104	-4314	-0.11%	-0.006%
194	13.303	13.280	13.342	PH	1581	22305	0.58%	0.030%

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

195	13.349	13.342	13.357	HH	120	570	0.01%	0.001%
196	13.379	13.357	13.429	PH	572	-1889	-0.05%	-0.003%
197	13.458	13.429	13.496	PH	1998	22219	0.58%	0.030%
198	13.513	13.496	13.542	HH	494	3113	0.08%	0.004%
199	13.547	13.542	13.567	PH	-159	-4196	-0.11%	-0.006%
200	13.585	13.567	13.607	PH	-115	-5981	-0.16%	-0.008%
201	13.637	13.607	13.652	PH	952	7281	0.19%	0.010%
202	13.685	13.652	13.782	PH	179986	2250958	58.67%	3.001%
203	13.798	13.782	13.863	PH	-342	-23716	-0.62%	-0.032%
204	13.905	13.863	13.963	PH	-372	-30658	-0.80%	-0.041%
205	13.999	13.963	14.021	PH	-209	-15342	-0.40%	-0.020%
206	14.053	14.021	14.062	PH	-161	-9201	-0.24%	-0.012%
207	14.085	14.062	14.127	PH	1062	7090	0.18%	0.009%
208	14.141	14.127	14.219	PH	-220	-29340	-0.76%	-0.039%
209	14.252	14.219	14.284	PH	1588	20893	0.54%	0.028%
210	14.310	14.284	14.330	HH	8023	114211	2.98%	0.152%
211	14.345	14.330	14.449	HH	4315	115444	3.01%	0.154%
212	14.476	14.449	14.524	PH	2319	22623	0.59%	0.030%
213	14.587	14.524	14.719	PH	138738	1859774	48.48%	2.480%
214	14.791	14.719	14.874	PH	172792	2210619	57.62%	2.948%
215	14.890	14.874	14.960	PH	-419	-30386	-0.79%	-0.041%
216	14.985	14.960	15.016	PH	-435	-19209	-0.50%	-0.026%
217	15.026	15.016	15.051	PH	-560	-13048	-0.34%	-0.017%
218	15.088	15.051	15.114	PH	719	-3355	-0.09%	-0.004%
219	15.126	15.114	15.147	PH	-266	-7866	-0.21%	-0.010%
220	15.176	15.147	15.284	PH	16786	309099	8.06%	0.412%
221	15.312	15.284	15.349	PH	4718	56282	1.47%	0.075%
222	15.377	15.349	15.399	PH	6264	79800	2.08%	0.106%
223	15.414	15.399	15.442	HH	2369	36756	0.96%	0.049%
224	15.446	15.442	15.529	HH	807	1189	0.03%	0.002%
225	15.571	15.529	15.593	PH	107	-5753	-0.15%	-0.008%
226	15.604	15.593	15.622	PH	-21	-1710	-0.04%	-0.002%
227	15.634	15.622	15.656	PH	-8	-2710	-0.07%	-0.004%
228	15.695	15.656	15.764	PH	379	-2291	-0.06%	-0.003%
229	15.815	15.764	15.862	PH	172568	2211985	57.66%	2.949%
230	15.874	15.862	15.917	PH	100	-2397	-0.06%	-0.003%
231	15.953	15.917	15.982	PH	773	7117	0.19%	0.009%
232	15.996	15.982	16.055	PH	-76	-4481	-0.12%	-0.006%
233	16.065	16.055	16.079	PH	-88	-1719	-0.04%	-0.002%
234	16.105	16.079	16.145	PH	788	12226	0.32%	0.016%
235	16.197	16.145	16.241	PH	2269	52679	1.37%	0.070%
236	16.261	16.241	16.272	HH	859	12234	0.32%	0.016%
237	16.298	16.272	16.334	HH	9818	134774	3.51%	0.180%
238	16.371	16.334	16.395	HH	1412	30807	0.80%	0.041%
239	16.429	16.395	16.550	HH	45433	762494	19.88%	1.017%
240	16.573	16.550	16.622	HH	1265	46028	1.20%	0.061%
241	16.658	16.622	16.709	HH	4215	102697	2.68%	0.137%
242	16.768	16.709	16.799	HH	166524	2296448	59.86%	3.062%
243	16.813	16.799	16.895	HH	4190	113678	2.96%	0.152%
244	16.909	16.895	16.930	HH	1171	22271	0.58%	0.030%
245	16.938	16.930	16.962	HH	1138	20658	0.54%	0.028%
246	17.057	16.962	17.075	HH	1708	86903	2.27%	0.116%

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

rteres								
247	17.103	17.075	17.118	HH	2013	45081	1.18%	0.060%
248	17.146	17.118	17.182	HH	2911	89003	2.32%	0.119%
249	17.218	17.182	17.264	HH	14944	277125	7.22%	0.370%
250	17.316	17.264	17.362	HH	11848	295600	7.71%	0.394%
251	17.393	17.362	17.468	HH	3098	166938	4.35%	0.223%
252	17.501	17.468	17.534	HH	2712	95864	2.50%	0.128%
253	17.548	17.534	17.570	HH	2532	52402	1.37%	0.070%
254	17.610	17.570	17.622	HH	3254	86797	2.26%	0.116%
255	17.657	17.622	17.704	HH	157566	2352411	61.32%	3.137%
256	17.712	17.704	17.727	HH	2794	38786	1.01%	0.052%
257	17.746	17.727	17.774	HH	3730	86524	2.26%	0.115%
258	17.792	17.774	17.815	HH	2709	63852	1.66%	0.085%
259	17.829	17.815	17.845	HH	2639	44850	1.17%	0.060%
260	17.879	17.845	17.897	HH	3192	84953	2.21%	0.113%
261	17.931	17.897	17.994	HH	22253	511156	13.32%	0.682%
262	18.024	17.994	18.056	HH	10528	268885	7.01%	0.359%
263	18.080	18.056	18.119	HH	14137	286267	7.46%	0.382%
264	18.129	18.119	18.147	HH	3312	54125	1.41%	0.072%
265	18.186	18.147	18.240	HH	3768	191306	4.99%	0.255%
266	18.251	18.240	18.264	HH	3239	44810	1.17%	0.060%
267	18.296	18.264	18.309	HH	3438	89487	2.33%	0.119%
268	18.345	18.309	18.375	HH	3827	144309	3.76%	0.192%
269	18.391	18.375	18.424	HH	3823	104708	2.73%	0.140%
270	18.494	18.424	18.560	HH	164338	3055900	79.66%	4.075%
271	18.593	18.560	18.625	HH	5703	189125	4.93%	0.252%
272	18.638	18.625	18.671	HH	4844	127538	3.32%	0.170%
273	18.697	18.671	18.715	HH	4475	118325	3.08%	0.158%
274	18.753	18.715	18.777	HH	4961	170809	4.45%	0.228%
275	18.854	18.777	18.874	HH	11597	417924	10.89%	0.557%
276	18.890	18.874	18.952	HH	12461	404210	10.54%	0.539%
277	18.993	18.952	19.010	HH	6579	222245	5.79%	0.296%
278	19.056	19.010	19.112	HH	60181	1329009	34.64%	1.772%
279	19.141	19.112	19.154	HH	6594	161536	4.21%	0.215%
280	19.185	19.154	19.201	HH	7037	193223	5.04%	0.258%
281	19.280	19.201	19.320	HH	145245	2547589	66.41%	3.397%
282	19.336	19.320	19.358	HH	9142	197384	5.15%	0.263%
283	19.388	19.358	19.424	HH	9370	345334	9.00%	0.460%
284	19.446	19.424	19.482	HH	8776	294371	7.67%	0.393%
285	19.573	19.482	19.615	HH	80139	1995043	52.00%	2.660%
286	19.655	19.615	19.734	HH	11783	702038	18.30%	0.936%
287	19.760	19.734	19.809	HH	9536	422386	11.01%	0.563%
288	19.901	19.809	19.964	HH	12595	1010044	26.33%	1.347%
289	20.023	19.964	20.044	HH	138870	2456185	64.02%	3.275%
290	20.065	20.044	20.150	HH	114175	2585685	67.40%	3.448%
291	20.179	20.150	20.226	HH	14939	551954	14.39%	0.736%
292	20.273	20.226	20.305	HH	11353	537135	14.00%	0.716%
293	20.328	20.305	20.344	HH	11559	262367	6.84%	0.350%
294	20.381	20.344	20.456	HH	14280	860219	22.42%	1.147%
295	20.542	20.456	20.611	HH	125177	3327899	86.75%	4.437%
296	20.624	20.611	20.634	HH	12954	179927	4.69%	0.240%
297	20.754	20.634	20.845	HH	113097	3498176	91.19%	4.664%
298	20.877	20.845	20.910	HH	14698	566554	14.77%	0.755%
299	20.983	20.910	20.997	HH	15224	773148	20.15%	1.031%

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

					rteres			
300	21.066	20.997	21.135	HH	123125	3836338	100.00%	5.115%
301	21.167	21.135	21.198	HH	17475	627814	16.36%	0.837%
302	21.224	21.198	21.260	HH	16310	602172	15.70%	0.803%
303	21.302	21.260	21.333	HH	16679	726113	18.93%	0.968%
304	21.452	21.333	21.512	HH	20958	2048157	53.39%	2.731%
305	21.519	21.512	21.580	HH	20295	810264	21.12%	1.080%
306	21.644	21.580	21.654	HH	111895	2812423	73.31%	3.750%
307	21.670	21.654	21.730	HHA	121169	3505065	91.36%	4.674%
Sum of corrected areas:							74997008	

Instrument :
FID_F
ClientSampleId :
SB-07(22-23)-20190301MSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:37:02 AM

FF030119.M Mon Mar 11 10:10:51 2019