

rteres

Instrument :

FID_D

ClientSampleId :

SB-06MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD05022

Data File : FD042245.D

Signal(s) : FID2B.CH

Acq On : 03 May 2022 2:51

Sample : N2618-06MSD

Misc :

ALS Vial : 13 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/03/2022

Supervised By :mohammad ahmed 05/03/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Title : GC Extractables

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.024	3.005	3.071	BV	93	2306	0.03%	0.002%
2	3.098	3.071	3.195	PV	322742	2725627	35.37%	2.105%
3	3.213	3.195	3.226	VV	797	12224	0.16%	0.009%
4	3.231	3.226	3.255	VV	590	8035	0.10%	0.006%
5	3.265	3.255	3.285	VV	449	7339	0.10%	0.006%
6	3.294	3.285	3.315	VV	472	5435	0.07%	0.004%
7	3.351	3.315	3.386	VV	456	13065	0.17%	0.010%
8	3.402	3.386	3.445	VV	362	9205	0.12%	0.007%
9	3.458	3.445	3.507	VV	304	6320	0.08%	0.005%
10	3.528	3.507	3.585	VV	236	5347	0.07%	0.004%
11	3.593	3.585	3.608	VV	113	1131	0.01%	0.001%
12	3.614	3.608	3.721	VV	156	5646	0.07%	0.004%
13	3.749	3.721	3.762	VV	526	6153	0.08%	0.005%
14	3.778	3.762	3.824	VV	808	10463	0.14%	0.008%
15	3.842	3.824	3.865	VV	305	4145	0.05%	0.003%
16	3.888	3.865	3.901	VV	246	3726	0.05%	0.003%
17	3.921	3.901	3.957	VV	731	10323	0.13%	0.008%
18	3.979	3.957	4.012	VV	261	4568	0.06%	0.004%
19	4.063	4.012	4.078	PV	494	6961	0.09%	0.005%
20	4.093	4.078	4.110	VV	171	2577	0.03%	0.002%
21	4.143	4.110	4.235	VV	362994	3406005	44.20%	2.631%
22	4.251	4.235	4.285	VV	964	23063	0.30%	0.018%
23	4.307	4.285	4.345	VV	1516	28205	0.37%	0.022%
24	4.361	4.345	4.378	VV	1215	15834	0.21%	0.012%
25	4.391	4.378	4.411	VV	1787	19987	0.26%	0.015%
26	4.422	4.411	4.474	VV	560	13468	0.17%	0.010%
27	4.509	4.474	4.542	VV	478	12489	0.16%	0.010%
28	4.584	4.542	4.622	VV	306	9371	0.12%	0.007%
29	4.631	4.622	4.661	VV	139	2904	0.04%	0.002%
30	4.684	4.661	4.701	VV	350	5186	0.07%	0.004%
31	4.710	4.701	4.720	VV	309	2953	0.04%	0.002%
32	4.765	4.720	4.795	VV	3364	45940	0.60%	0.035%
33	4.819	4.795	4.854	VV	954	12604	0.16%	0.010%
34	4.875	4.854	4.899	VV	206	3445	0.04%	0.003%
35	4.954	4.899	4.981	VV	267	6673	0.09%	0.005%
36	4.987	4.981	5.014	VV	152	2038	0.03%	0.002%

					retention			
37	5.062	5.014	5.102	VV	204	6282	0.08%	0.005%
38	5.130	5.102	5.143	VV	210	2865		
39	5.168	5.143	5.189	VV	1439	19368		
40	5.204	5.189	5.246	VV	1404	18829		
41	5.259	5.246	5.287	VV	435	5998		
42	5.299	5.287	5.310	VV	228	2225		
43	5.346	5.310	5.378	VV	306	7732	0.10%	0.006%
44	5.404	5.378	5.424	PV	186	2291	0.03%	0.002%
45	5.451	5.424	5.497	VV	331	6420	0.08%	0.005%
46	5.508	5.497	5.552	VV	298	5295	0.07%	0.004%
47	5.567	5.552	5.591	VV	128	2150	0.03%	0.002%
48	5.611	5.591	5.631	PV	254	3680	0.05%	0.003%
49	5.660	5.631	5.692	VV	306	5996	0.08%	0.005%
50	5.717	5.692	5.738	VV	421	8108	0.11%	0.006%
51	5.758	5.738	5.777	VV	648	8466	0.11%	0.007%
52	5.798	5.777	5.841	VV	1065	17761	0.23%	0.014%
53	5.859	5.841	5.895	VV	830	11915	0.15%	0.009%
54	5.931	5.895	5.963	VV	363	8779	0.11%	0.007%
55	5.980	5.963	5.998	VV	161	2252	0.03%	0.002%
56	6.033	5.998	6.058	VV	820	13477	0.17%	0.010%
57	6.064	6.058	6.098	VV	247	3938	0.05%	0.003%
58	6.137	6.098	6.238	VV	397412	3976376	51.60%	3.071%
59	6.251	6.238	6.265	VV	1060	15022	0.19%	0.012%
60	6.282	6.265	6.303	VV	1645	25559	0.33%	0.020%
61	6.313	6.303	6.335	VV	827	11262	0.15%	0.009%
62	6.354	6.335	6.431	VV	891	22518	0.29%	0.017%
63	6.451	6.431	6.482	VV	310	8375	0.11%	0.006%
64	6.498	6.482	6.545	VV	285	7862	0.10%	0.006%
65	6.572	6.545	6.604	VV	628	10577	0.14%	0.008%
66	6.624	6.604	6.661	VV	822	18624	0.24%	0.014%
67	6.688	6.661	6.717	VV	726	17403	0.23%	0.013%
68	6.748	6.717	6.774	VV	1141	19707	0.26%	0.015%
69	6.789	6.774	6.810	VV	300	4790	0.06%	0.004%
70	6.829	6.810	6.845	VV	355	5255	0.07%	0.004%
71	6.854	6.845	6.874	VV	263	3668	0.05%	0.003%
72	6.908	6.874	6.945	VV	2248	26351	0.34%	0.020%
73	6.983	6.945	7.005	VV	374	8251	0.11%	0.006%
74	7.016	7.005	7.027	VV	455	4543	0.06%	0.004%
75	7.052	7.027	7.094	VV	1944	32096	0.42%	0.025%
76	7.109	7.094	7.125	VV	534	7411	0.10%	0.006%
77	7.139	7.125	7.171	VV	483	6334	0.08%	0.005%
78	7.205	7.171	7.234	VV	196	5804	0.08%	0.004%
79	7.257	7.234	7.281	VV	162	2991	0.04%	0.002%
80	7.307	7.281	7.333	VV	1086	13000	0.17%	0.010%
81	7.374	7.333	7.387	VV	449	7755	0.10%	0.006%
82	7.403	7.387	7.437	VV	570	7855	0.10%	0.006%
83	7.470	7.437	7.484	PV	402	5502	0.07%	0.004%
84	7.525	7.484	7.548	VV	574	11003	0.14%	0.008%
85	7.566	7.548	7.586	VV	444	5293	0.07%	0.004%
86	7.612	7.586	7.636	VV	1394	17605	0.23%	0.014%
87	7.665	7.636	7.693	VV	4006	45696	0.59%	0.035%
88	7.700	7.693	7.717	VV	334	3481	0.05%	0.003%
89	7.733	7.717	7.755	VV	442	5280	0.07%	0.004%

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90	7.764	7.755	7.794	VV	105	2068	0.03%	0.002%
91	7.822	7.794	7.843	PV	611	8971		
92	7.853	7.843	7.881	VV	262	4908		
93	7.913	7.881	7.990	VV	398393	4282385	55	
94	8.005	7.990	8.041	VV	1094	29219		
95	8.055	8.041	8.084	VV	865	17028		
96	8.103	8.084	8.124	VV	680	11436	0.15%	0.009%
97	8.140	8.124	8.227	VV	614	15128	0.20%	0.012%
98	8.257	8.227	8.288	VV	410	11613	0.15%	0.009%
99	8.321	8.288	8.343	VV	590	16970	0.22%	0.013%
100	8.363	8.343	8.385	VV	709	14446	0.19%	0.011%
101	8.400	8.385	8.426	VV	669	14134	0.18%	0.011%
102	8.444	8.426	8.491	VV	1046	24398	0.32%	0.019%
103	8.504	8.491	8.535	VV	467	9161	0.12%	0.007%
104	8.558	8.535	8.588	VV	385	8062	0.10%	0.006%
105	8.631	8.588	8.648	VV	1049	19435	0.25%	0.015%
106	8.660	8.648	8.678	VV	874	11552	0.15%	0.009%
107	8.684	8.678	8.708	VV	593	8370	0.11%	0.006%
108	8.737	8.708	8.773	VV	2180	37390	0.49%	0.029%
109	8.782	8.773	8.798	VV	283	2879	0.04%	0.002%
110	8.811	8.798	8.832	VV	547	6533	0.08%	0.005%
111	8.859	8.832	8.888	VV	334	5794	0.08%	0.004%
112	8.912	8.888	8.924	VV	188	2862	0.04%	0.002%
113	8.935	8.924	8.947	VV	218	2386	0.03%	0.002%
114	8.965	8.947	8.978	VV	297	4186	0.05%	0.003%
115	9.024	8.978	9.061	VV	542	13038	0.17%	0.010%
116	9.087	9.061	9.116	VV	873	12524	0.16%	0.010%
117	9.144	9.116	9.207	VV	358	7726	0.10%	0.006%
118	9.233	9.207	9.254	VV	477	7027	0.09%	0.005%
119	9.278	9.254	9.329	VV	2453	29191	0.38%	0.023%
120	9.342	9.329	9.361	VV	126	1052	0.01%	0.001%
121	9.381	9.361	9.395	VV	176	1843	0.02%	0.001%
122	9.427	9.395	9.465	VV	350	7671	0.10%	0.006%
123	9.499	9.465	9.655	PV	418606	4640024	60.21%	3.584%
124	9.665	9.655	9.724	VV	301	6863	0.09%	0.005%
125	9.733	9.724	9.748	VV	147	1877	0.02%	0.001%
126	9.812	9.748	9.826	VV	383	10175	0.13%	0.008%
127	9.838	9.826	9.855	VV	257	3364	0.04%	0.003%
128	9.885	9.855	9.901	VV	410	7391	0.10%	0.006%
129	9.917	9.901	9.945	VV	262	5004	0.06%	0.004%
130	9.974	9.945	10.015	VV	309	7035	0.09%	0.005%
131	10.035	10.015	10.047	VV	119	988	0.01%	0.001%
132	10.089	10.047	10.101	VV	349	5769	0.07%	0.004%
133	10.126	10.101	10.142	VV	388	6556	0.09%	0.005%
134	10.166	10.142	10.197	VV	486	9362	0.12%	0.007%
135	10.233	10.197	10.263	VV	905	17165	0.22%	0.013%
136	10.283	10.263	10.325	VV	418	10390	0.13%	0.008%
137	10.352	10.325	10.385	VV	845	15177	0.20%	0.012%
138	10.414	10.385	10.427	VV	216	4339	0.06%	0.003%
139	10.445	10.427	10.478	VV	330	5896	0.08%	0.005%
140	10.486	10.478	10.521	VV	167	3115	0.04%	0.002%
141	10.547	10.521	10.569	PV	375	7377	0.10%	0.006%

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142	10.645	10.569	10.664	VV	754	18989	0.25%	0.015%
143	10.679	10.664	10.704	VV	471	6765	0.04%	0.003%
144	10.737	10.704	10.764	VV	417	7796	0.06%	0.003%
145	10.781	10.764	10.819	PV	325	5073	0.23%	0.014%
146	10.863	10.819	10.890	VV	588	12761	0.05%	0.003%
147	10.928	10.890	11.102	VV	437799	4926300	61.24%	3.645%
148	11.114	11.102	11.134	VV	216	3467	0.04%	0.003%
149	11.153	11.134	11.172	VV	247	4242	0.06%	0.003%
150	11.229	11.172	11.266	VV	769	17480	0.23%	0.014%
151	11.271	11.266	11.294	VV	235	3636	0.05%	0.003%
152	11.309	11.294	11.367	VV	378	9196	0.12%	0.007%
153	11.388	11.367	11.471	VV	553	11517	0.15%	0.009%
154	11.479	11.471	11.488	PV	152	1144	0.01%	0.001%
155	11.508	11.488	11.521	VV	352	4627	0.06%	0.004%
156	11.590	11.521	11.655	VV	749	28177	0.37%	0.022%
157	11.743	11.655	11.761	VV	245	10224	0.13%	0.008%
158	11.802	11.761	11.848	VV	561	15873	0.21%	0.012%
159	11.866	11.848	11.912	VV	290	6660	0.09%	0.005%
160	12.001	11.912	12.026	VV	412	14463	0.19%	0.011%
161	12.055	12.026	12.074	VV	681	13060	0.17%	0.010%
162	12.090	12.074	12.115	VV	645	9473	0.12%	0.007%
163	12.135	12.115	12.146	VV	268	3472	0.05%	0.003%
164	12.167	12.146	12.188	VV	340	5089	0.07%	0.004%
165	12.229	12.188	12.335	VV	398953	4719256	61.24%	3.645%
166	12.350	12.335	12.407	VV	399	8914	0.12%	0.007%
167	12.425	12.407	12.461	VV	127	2929	0.04%	0.002%
168	12.490	12.461	12.526	VV	199	4084	0.05%	0.003%
169	12.582	12.526	12.605	PV	197	3250	0.04%	0.003%
170	12.666	12.605	12.766	VV	379934	4551504	59.06%	3.516%
171	12.779	12.766	12.796	VV	628	9616	0.12%	0.007%
172	12.836	12.796	12.931	VV	384454	4699458	60.98%	3.630%
173	12.966	12.931	13.002	VV	499	13103	0.17%	0.010%
174	13.043	13.002	13.070	VV	349	10479	0.14%	0.008%
175	13.082	13.070	13.090	VV	320	3693	0.05%	0.003%
176	13.115	13.090	13.145	VV	489	9278	0.12%	0.007%
177	13.166	13.145	13.193	VV	151	2941	0.04%	0.002%
178	13.258	13.193	13.307	VV	1595	30763	0.40%	0.024%
179	13.323	13.307	13.332	VV	264	2747	0.04%	0.002%
180	13.418	13.332	13.504	VV	371380	4611203	59.83%	3.562%
181	13.520	13.504	13.535	VV	278	4318	0.06%	0.003%
182	13.553	13.535	13.581	VV	203	3207	0.04%	0.002%
183	13.601	13.581	13.626	VV	137	2597	0.03%	0.002%
184	13.646	13.626	13.672	VV	139	2436	0.03%	0.002%
185	13.736	13.672	13.781	PV	176	4491	0.06%	0.003%
186	13.795	13.781	13.808	PV	183	1907	0.02%	0.001%
187	13.852	13.808	13.881	VV	1009	20471	0.27%	0.016%
188	13.890	13.881	13.925	VV	371	5978	0.08%	0.005%
189	13.935	13.925	13.947	VV	138	1383	0.02%	0.001%
190	13.974	13.947	14.021	VV	1154	21527	0.28%	0.017%
191	14.027	14.021	14.085	VV	254	6563	0.09%	0.005%
192	14.094	14.085	14.148	VV	191	4784	0.06%	0.004%
193	14.198	14.148	14.257	VV	340	12479	0.16%	0.010%
194	14.281	14.257	14.302	VV	284	4605	0.06%	0.004%

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195	14.323	14.302	14.331	VV	242	3236	0.04%	0.002%
196	14.358	14.331	14.408	VV	473	11626		
197	14.513	14.408	14.595	VV	358604	4456882	57.00%	3.346%
198	14.607	14.595	14.671	VV	230	6264		
199	14.812	14.671	14.831	VV	241	6881		
200	14.847	14.831	14.875	VV	176	1658		
201	14.908	14.875	14.917	PV	201	2942	0.04%	0.002%
202	14.934	14.917	14.961	VV	227	3970	0.05%	0.003%
203	15.027	14.961	15.055	VV	2963	43034	0.56%	0.033%
204	15.072	15.055	15.100	VV	231	3343	0.04%	0.003%
205	15.119	15.100	15.142	VV	368	5133	0.07%	0.004%
206	15.221	15.142	15.248	VV	488	16685	0.22%	0.013%
207	15.255	15.248	15.276	VV	364	4447	0.06%	0.003%
208	15.346	15.276	15.355	VV	416	13607	0.18%	0.011%
209	15.395	15.355	15.426	VV	525	13555	0.18%	0.010%
210	15.528	15.426	15.611	VV	332414	4331359	56.20%	3.346%
211	15.620	15.611	15.630	VV	226	1865	0.02%	0.001%
212	15.696	15.630	15.734	VV	800	18748	0.24%	0.014%
213	15.786	15.734	15.813	PV	374	8467	0.11%	0.007%
214	15.832	15.813	15.847	VV	433	6393	0.08%	0.005%
215	15.884	15.847	15.902	VV	392	9169	0.12%	0.007%
216	15.945	15.902	15.965	VV	385	9564	0.12%	0.007%
217	16.005	15.965	16.041	VV	3760	60765	0.79%	0.047%
218	16.123	16.041	16.141	VV	875	35307	0.46%	0.027%
219	16.186	16.141	16.215	VV	914	31115	0.40%	0.024%
220	16.245	16.215	16.265	VV	1003	24392	0.32%	0.019%
221	16.304	16.265	16.332	VV	1308	39303	0.51%	0.030%
222	16.372	16.332	16.380	VV	1028	26970	0.35%	0.021%
223	16.471	16.380	16.593	VV	297180	4309653	55.92%	3.329%
224	16.668	16.593	16.714	VV	4534	176439	2.29%	0.136%
225	16.760	16.714	16.788	VV	2824	99798	1.29%	0.077%
226	16.835	16.788	16.858	VV	4443	121313	1.57%	0.094%
227	16.868	16.858	16.881	VV	2659	33881	0.44%	0.026%
228	16.917	16.881	16.940	VV	7147	150250	1.95%	0.116%
229	17.003	16.940	17.036	VV	4102	186420	2.42%	0.144%
230	17.076	17.036	17.111	VV	3056	122409	1.59%	0.095%
231	17.131	17.111	17.141	VV	2836	47142	0.61%	0.036%
232	17.168	17.141	17.188	VV	3470	84235	1.09%	0.065%
233	17.220	17.188	17.269	VV	4684	176095	2.28%	0.136%
234	17.299	17.269	17.306	VV	5960	106647	1.38%	0.082%
235	17.353	17.306	17.411	VV	299030	4249300	55.14%	3.282%
236	17.452	17.411	17.467	VV	8808	220918	2.87%	0.171%
237	17.478	17.467	17.509	VV	7934	163305	2.12%	0.126%
238	17.520	17.509	17.535	VV	5050	72073	0.94%	0.056%
239	17.560	17.535	17.591	VV	5373	157945	2.05%	0.122%
240	17.629	17.591	17.640	VV	5614	149326	1.94%	0.115%
241	17.657	17.640	17.724	VV	5939	257523	3.34%	0.199%
242	17.771	17.724	17.794	VV	9472	279112	3.62%	0.216%
243	17.818	17.794	17.845	VV	13257	279370	3.63%	0.216%
244	17.891	17.845	17.914	VV	7314	268605	3.49%	0.207%
245	17.972	17.914	17.996	VV	8441	351295	4.56%	0.271%
246	18.041	17.996	18.055	VV	8215	268875	3.49%	0.208%

Instrument :

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ClientSampleId :

SB-06MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2022

Supervised By :mohammad ahmed 05/03/2022

rteres									
247	18.075	18.055	18.095	VV	8440	194204	2.52%	0.150%	
248	18.181	18.095	18.221	VV	290843	4529976	58.33%	0.150%	
249	18.238	18.221	18.263	VV	11256	245303	3.33%	0.150%	
250	18.291	18.263	18.316	VV	10562	299349	3.33%	0.150%	
251	18.325	18.316	18.358	VV	9027	224035	2.22%	0.150%	
252	18.374	18.358	18.388	VV	9175	161212	2.22%	0.150%	
253	18.418	18.388	18.451	VV	9863	356539	4.63%	0.275%	
254	18.511	18.451	18.541	VV	9979	516895	6.71%	0.399%	
255	18.571	18.541	18.604	VV	15107	454239	5.89%	0.351%	
256	18.637	18.604	18.665	VV	12386	411061	5.33%	0.318%	
257	18.818	18.665	18.829	VV	12605	1119036	14.52%	0.864%	
258	18.846	18.829	18.865	VV	12873	271441	3.52%	0.210%	
259	18.877	18.865	18.911	VV	12935	357949	4.64%	0.276%	
260	18.960	18.911	19.008	VV	267181	4345886	56.39%	3.357%	
261	19.044	19.008	19.075	VV	16304	612481	7.95%	0.473%	
262	19.148	19.075	19.160	VV	17210	828640	10.75%	0.640%	
263	19.198	19.160	19.214	VV	17761	568056	7.37%	0.439%	
264	19.336	19.214	19.384	VV	22001	1943798	25.22%	1.501%	
265	19.453	19.384	19.498	VV	21506	1380759	17.92%	1.067%	
266	19.519	19.498	19.529	VV	21863	394310	5.12%	0.305%	
267	19.552	19.529	19.563	VV	22037	440958	5.72%	0.341%	
268	19.696	19.563	19.770	VV	250923	6262273	81.26%	4.837%	
269	19.879	19.770	19.890	VV	28711	1960048	25.43%	1.514%	
270	19.902	19.890	19.908	VV	28566	314128	4.08%	0.243%	
271	19.964	19.908	19.979	VV	30079	1246214	16.17%	0.963%	
272	20.047	19.979	20.078	VV	33324	1840651	23.88%	1.422%	
273	20.154	20.078	20.165	VV	34729	1740712	22.59%	1.345%	
274	20.238	20.165	20.250	VV	36144	1804842	23.42%	1.394%	
275	20.393	20.250	20.451	VV	248587	7706754	100.00%	5.953%	
276	20.462	20.451	20.511	VV	39763	1413975	18.35%	1.092%	
277	20.514	20.511	20.531	VV	39405	466799	6.06%	0.361%	
278	20.559	20.531	20.584	VV	39457	1222933	15.87%	0.945%	
279	20.598	20.584	20.608	VV	39359	561957	7.29%	0.434%	
280	20.660	20.608	20.671	VV	40284	1515085	19.66%	1.170%	
281	20.682	20.671	20.716	VV	39865	1053947	13.68%	0.814%	
282	20.757	20.716	20.801	VV	40784	1994574	25.88%	1.541%	
283	20.840	20.801	20.868	VV	38386	1522499	19.76%	1.176%	
284	20.887	20.868	20.905	VV	38507	838787	10.88%	0.648%	
285	20.929	20.905	20.946	VV	38473	950101	12.33%	0.734%	
286	20.965	20.946	20.983	VV	37903	820158	10.64%	0.634%	
287	21.001	20.983	21.027	VV	37451	982574	12.75%	0.759%	
288	21.042	21.027	21.116	VV	36990	1902049	24.68%	1.469%	
289	21.172	21.116	21.251	VBA	182392	5829390	75.64%	4.503%	
Sum of corrected areas:					129461721				

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2022

Supervised By :mohammad ahmed 05/03/2022

Aliphatic EPH 042122.M Tue May 03 11:24:27 2022