

Instrument :

FID_E

ClientSampleId :

1MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03182
Data File : FE047198.D
Signal(s) : FID1B.ch
Acq On : 18 Mar 2024 14:01
Sample : P1326-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.210	3.138	3.225	BV	1467	27503	0.22%	0.011%
2	3.233	3.225	3.294	VV	963	14579	0.12%	0.006%
3	3.315	3.294	3.332	PV	4574	44676	0.36%	0.018%
4	3.367	3.332	3.487	VV	571705	5503178	44.54%	2.163%
5	3.503	3.487	3.528	PV	443	6161	0.05%	0.002%
6	3.548	3.528	3.599	VV	3447	35200	0.28%	0.014%
7	3.608	3.599	3.632	VV	169	2157	0.02%	0.001%
8	3.646	3.632	3.665	PV	229	2692	0.02%	0.001%
9	3.701	3.665	3.760	VV	13280	138327	1.12%	0.054%
10	3.782	3.760	3.810	VV	2614	41988	0.34%	0.017%
11	3.832	3.810	3.923	VV	54575	494962	4.01%	0.195%
12	3.947	3.923	4.001	PV	46859	428755	3.47%	0.168%
13	4.037	4.001	4.094	VV	9057	98232	0.79%	0.039%
14	4.111	4.094	4.121	PV	454	4509	0.04%	0.002%
15	4.139	4.121	4.198	VV	3036	46870	0.38%	0.018%
16	4.207	4.198	4.294	VV	379	9003	0.07%	0.004%
17	4.308	4.294	4.317	VV	1494	14587	0.12%	0.006%
18	4.339	4.317	4.366	VV	3339	50145	0.41%	0.020%
19	4.378	4.366	4.461	VV	804	14930	0.12%	0.006%
20	4.473	4.461	4.488	VV	227	2750	0.02%	0.001%
21	4.501	4.488	4.535	VV	606	7492	0.06%	0.003%
22	4.544	4.535	4.584	PV	87	2209	0.02%	0.001%
23	4.618	4.584	4.636	PV	671454	6444390	52.15%	2.533%
24	4.654	4.636	4.756	VV	673651	6491618	52.54%	2.551%
25	4.772	4.756	4.815	VV	780	13753	0.11%	0.005%
26	4.835	4.815	4.874	VV	541	8590	0.07%	0.003%
27	4.894	4.874	4.914	VV	726	8510	0.07%	0.003%
28	4.923	4.914	4.954	VV	282	2447	0.02%	0.001%
29	4.980	4.954	5.019	VV	373	6597	0.05%	0.003%
30	5.030	5.019	5.049	VV	192	2769	0.02%	0.001%
31	5.070	5.049	5.082	VV	262	3454	0.03%	0.001%
32	5.114	5.082	5.183	VV	391	10678	0.09%	0.004%
33	5.195	5.183	5.248	VV	397	4853	0.04%	0.002%
34	5.273	5.248	5.300	VV	1026	10857	0.09%	0.004%
35	5.319	5.300	5.360	PV	327	6408	0.05%	0.003%
36	5.381	5.360	5.390	VV	392	4413	0.04%	0.002%

					rters			
37	5.399	5.390	5.421	VV	461	4777	0.04%	0.002%
38	5.457	5.421	5.486	VV	510	8680		
39	5.512	5.486	5.538	PV	468	6132		
40	5.555	5.538	5.582	VV	1298	13702		
41	5.608	5.582	5.710	VV	569	9313		
42	5.749	5.710	5.771	PV	1962	20473		
43	5.781	5.771	5.831	VV	308	5634	0.05%	0.002%
44	5.857	5.831	5.915	VV	1342	30042	0.24%	0.012%
45	5.941	5.915	5.972	VV	358	8181	0.07%	0.003%
46	5.997	5.972	6.063	VV	3345	36968	0.30%	0.015%
47	6.070	6.063	6.101	VV	124	1795	0.01%	0.001%
48	6.112	6.101	6.151	PV	158	2000	0.02%	0.001%
49	6.174	6.151	6.194	VV	190	2414	0.02%	0.001%
50	6.207	6.194	6.248	VV	249	3467	0.03%	0.001%
51	6.261	6.248	6.274	PV	271	2339	0.02%	0.001%
52	6.319	6.274	6.476	VV	740440	7153239	57.89%	2.811%
53	6.492	6.476	6.558	VV	1167	33023	0.27%	0.013%
54	6.568	6.558	6.593	VV	464	8110	0.07%	0.003%
55	6.617	6.593	6.651	VV	1543	23060	0.19%	0.009%
56	6.663	6.651	6.748	VV	404	13668	0.11%	0.005%
57	6.781	6.748	6.846	VV	713020	7108729	57.53%	2.794%
58	6.864	6.846	6.894	VV	337	7437	0.06%	0.003%
59	6.935	6.894	6.988	VV	468	11933	0.10%	0.005%
60	7.005	6.988	7.021	VV	120	1387	0.01%	0.001%
61	7.036	7.021	7.044	PV	88	773	0.01%	0.000%
62	7.064	7.044	7.091	VV	509	6118	0.05%	0.002%
63	7.103	7.091	7.154	VV	186	3232	0.03%	0.001%
64	7.179	7.154	7.228	VV	717	15089	0.12%	0.006%
65	7.256	7.228	7.294	VV	3236	35147	0.28%	0.014%
66	7.513	7.505	7.533	VV	1300	18144	0.15%	0.007%
67	7.549	7.533	7.581	VV	1581	26408	0.21%	0.010%
68	7.610	7.581	7.668	VV	1863	45737	0.37%	0.018%
69	7.688	7.668	7.705	VV	907	12261	0.10%	0.005%
70	7.725	7.705	7.768	VV	2065	29176	0.24%	0.011%
71	7.790	7.768	7.831	VV	389	11026	0.09%	0.004%
72	7.865	7.831	7.879	VV	191	3928	0.03%	0.002%
73	7.898	7.879	7.924	VV	451	6748	0.05%	0.003%
74	7.947	7.924	7.965	VV	237	3779	0.03%	0.001%
75	8.040	7.965	8.122	PV	669753	6584495	53.29%	2.588%
76	8.151	8.122	8.201	VV	1106	34560	0.28%	0.014%
77	8.210	8.201	8.240	VV	616	9379	0.08%	0.004%
78	8.253	8.240	8.278	VV	288	4907	0.04%	0.002%
79	8.300	8.278	8.327	VV	828	11529	0.09%	0.005%
80	8.355	8.327	8.404	VV	849	12615	0.10%	0.005%
81	8.429	8.404	8.449	VV	143	2268	0.02%	0.001%
82	8.466	8.449	8.474	VV	143	1335	0.01%	0.001%
83	8.499	8.474	8.542	VV	390	9366	0.08%	0.004%
84	8.610	8.542	8.652	VV	714500	7346489	59.46%	2.887%
85	8.662	8.652	8.676	VV	168	1969	0.02%	0.001%
86	8.716	8.676	8.824	VV	710509	7205934	58.32%	2.832%
87	8.840	8.824	8.877	VV	1360	25027	0.20%	0.010%
88	9.017	8.980	9.185	VV	699663	7357575	59.55%	2.891%
89	9.213	9.185	9.268	VV	2709	51621	0.42%	0.020%

Instrument :

FID_E

ClientSampleId :

1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

90	9.286	9.268	9.318	VV	2418	31772	0.26%	0.012%
91	9.347	9.318	9.391	VV	781	19834		
92	9.433	9.391	9.512	VV	1069	28170		
93	9.525	9.512	9.551	VV	147	2920		
94	9.571	9.551	9.598	VV	205	3135		
95	9.625	9.598	9.657	VV	221	4023		
96	9.677	9.657	9.711	VV	248	4994	0.04%	0.002%
97	9.732	9.711	9.741	PV	326	3652	0.03%	0.001%
98	9.759	9.741	9.771	VV	823	10522	0.09%	0.004%
99	9.804	9.771	9.928	VV	684864	7117973	57.61%	2.797%
100	9.950	9.928	9.969	VV	1678	29752	0.24%	0.012%
101	9.992	9.969	10.002	VV	3852	45653	0.37%	0.018%
102	10.015	10.002	10.041	VV	5460	63600	0.51%	0.025%
103	10.051	10.041	10.072	VV	918	12736	0.10%	0.005%
104	10.085	10.072	10.093	VV	548	6443	0.05%	0.003%
105	10.109	10.093	10.121	VV	842	11860	0.10%	0.005%
106	10.147	10.121	10.175	VV	1423	25001	0.20%	0.010%
107	10.216	10.175	10.280	VV	690154	7491255	60.63%	2.944%
108	10.296	10.280	10.424	VV	787	21588	0.17%	0.008%
109	10.445	10.424	10.467	VV	141	2482	0.02%	0.001%
110	10.489	10.467	10.514	VV	600	7323	0.06%	0.003%
111	10.574	10.514	10.587	VV	249	6509	0.05%	0.003%
112	10.597	10.587	10.621	VV	279	3363	0.03%	0.001%
113	10.649	10.621	10.666	VV	335	5257	0.04%	0.002%
114	10.687	10.666	10.707	VV	196	2504	0.02%	0.001%
115	10.722	10.707	10.745	PV	232	2714	0.02%	0.001%
116	10.773	10.745	10.813	VV	402	6464	0.05%	0.003%
117	10.851	10.813	10.867	VV	577	7840	0.06%	0.003%
118	10.882	10.867	10.891	VV	345	3691	0.03%	0.001%
119	10.908	10.891	10.926	VV	546	6637	0.05%	0.003%
120	10.952	10.926	10.971	VV	467	5903	0.05%	0.002%
121	11.009	10.971	11.074	VV	5714	72842	0.59%	0.029%
122	11.093	11.074	11.130	VV	236	3516	0.03%	0.001%
123	11.142	11.130	11.150	PV	117	877	0.01%	0.000%
124	11.210	11.150	11.251	VV	617471	6667974	53.96%	2.620%
125	11.285	11.251	11.438	VV	583484	6738061	54.53%	2.648%
126	11.458	11.438	11.479	VV	9420	128836	1.04%	0.051%
127	11.488	11.479	11.561	VV	2965	85512	0.69%	0.034%
128	11.586	11.561	11.607	VV	1453	34499	0.28%	0.014%
129	11.658	11.607	11.712	VV	678884	7889243	63.85%	3.100%
130	11.729	11.712	11.794	VV	1786	58105	0.47%	0.023%
131	11.813	11.794	11.834	VV	915	18820	0.15%	0.007%
132	11.849	11.834	11.878	VV	864	17553	0.14%	0.007%
133	11.915	11.878	11.941	VV	1342	33778	0.27%	0.013%
134	11.977	11.941	12.022	VV	472734	5213046	42.19%	2.049%
135	12.039	12.022	12.053	VV	1083	16474	0.13%	0.006%
136	12.070	12.053	12.088	VV	1515	20779	0.17%	0.008%
137	12.120	12.088	12.141	VV	911	24454	0.20%	0.010%
138	12.154	12.141	12.168	VV	1079	13400	0.11%	0.005%
139	12.183	12.168	12.244	VV	1227	24428	0.20%	0.010%
140	12.254	12.244	12.286	VV	386	4525	0.04%	0.002%
141	12.359	12.286	12.391	PV	1167	29070	0.24%	0.011%

Instrument :

FID_E

ClientSampleId :

1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

					rters			
142	12.418	12.391	12.460	VV	2473	42883	0.35%	0.017%
143	12.479	12.460	12.533	VV	1022	18293		
144	12.569	12.533	12.609	VV	47254	593348		
145	12.625	12.609	12.649	VV	4445	70957		
146	12.658	12.649	12.716	VV	1472	35004		
147	12.728	12.716	12.735	VV	522	5251		
148	12.788	12.735	12.831	VV	3495	59479	0.48%	0.023%
149	12.854	12.831	12.870	VV	391	6341	0.05%	0.002%
150	12.907	12.870	12.927	VV	951	14822	0.12%	0.006%
151	12.968	12.927	12.995	VV	691014	7930791	64.18%	3.117%
152	13.028	12.995	13.181	VV	555112	6500894	52.61%	2.555%
153	13.210	13.181	13.281	VV	7932	150620	1.22%	0.059%
154	13.327	13.281	13.359	VV	534251	6309826	51.07%	2.480%
155	13.409	13.359	13.488	VV	340828	4443684	35.96%	1.746%
156	13.494	13.488	13.503	VV	2146	20181	0.16%	0.008%
157	13.519	13.503	13.539	VV	2377	45557	0.37%	0.018%
158	13.579	13.539	13.622	VV	657550	7819502	63.28%	3.073%
159	13.640	13.622	13.738	VV	5059	187556	1.52%	0.074%
160	13.799	13.738	13.870	VV	11281	251764	2.04%	0.099%
161	13.907	13.870	13.934	VV	1747	52697	0.43%	0.021%
162	13.953	13.934	13.979	VV	1510	31511	0.26%	0.012%
163	14.005	13.979	14.040	VV	1779	42525	0.34%	0.017%
164	14.055	14.040	14.074	VV	981	15546	0.13%	0.006%
165	14.112	14.074	14.126	VV	2321	40258	0.33%	0.016%
166	14.163	14.126	14.271	VV	626576	7702758	62.34%	3.027%
167	14.294	14.271	14.314	VV	563	11611	0.09%	0.005%
168	14.332	14.314	14.383	VV	2057	33898	0.27%	0.013%
169	14.398	14.383	14.473	VV	461	13207	0.11%	0.005%
170	14.516	14.473	14.526	PV	575	9282	0.08%	0.004%
171	14.547	14.526	14.571	VV	2076	28748	0.23%	0.011%
172	14.595	14.571	14.617	VV	1372	22506	0.18%	0.009%
173	14.634	14.617	14.661	VV	632	10464	0.08%	0.004%
174	14.673	14.661	14.685	VV	268	2593	0.02%	0.001%
175	14.722	14.685	14.761	VV	4292	64861	0.52%	0.025%
176	14.778	14.761	14.804	VV	852	14397	0.12%	0.006%
177	14.822	14.804	14.859	VV	686	12712	0.10%	0.005%
178	14.884	14.859	14.908	VV	787	10781	0.09%	0.004%
179	14.961	14.908	15.004	PV	5742	85047	0.69%	0.033%
180	15.039	15.004	15.080	PV	5489	70293	0.57%	0.028%
181	15.102	15.080	15.129	VV	783	13207	0.11%	0.005%
182	15.200	15.129	15.221	VV	332495	4322854	34.99%	1.699%
183	15.264	15.221	15.337	VV	599959	12356279	100.00%	4.856%
184	15.359	15.337	15.414	VV	13855	363771	2.94%	0.143%
185	15.429	15.414	15.562	VV	4989	310945	2.52%	0.122%
186	15.572	15.562	15.585	VV	2461	33690	0.27%	0.013%
187	15.636	15.585	15.751	VV	27663	549652	4.45%	0.216%
188	15.796	15.751	15.825	VV	9525	214338	1.73%	0.084%
189	15.857	15.825	15.883	VV	3256	74553	0.60%	0.029%
190	15.900	15.883	15.952	VV	1648	44344	0.36%	0.017%
191	15.963	15.952	15.983	VV	723	12171	0.10%	0.005%
192	16.007	15.983	16.018	VV	943	16946	0.14%	0.007%
193	16.029	16.018	16.065	VV	869	19450	0.16%	0.008%
194	16.103	16.065	16.128	VV	996	21884	0.18%	0.009%

Instrument :

FID_E

ClientSampleId :

1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

					rters				
195	16.152	16.128	16.182	VV	1201	21029	0.17%	0.008%	
196	16.201	16.182	16.217	VV	289	5053			
197	16.285	16.217	16.411	VV	552849	7450848	60.82%	2.953%	
198	16.422	16.411	16.451	VV	325	6046			
199	16.470	16.451	16.497	VV	333	5845			
200	16.509	16.497	16.515	PV	102	843			
201	16.534	16.515	16.542	VV	135	1390	0.01%	0.001%	
202	16.581	16.542	16.603	PV	404	7456	0.06%	0.003%	
203	16.647	16.603	16.687	VV	5496	83513	0.68%	0.033%	
204	16.752	16.687	16.767	VV	253862	3601703	29.15%	1.415%	
205	16.784	16.767	16.829	VV	273122	3727622	30.17%	1.465%	
206	16.840	16.829	16.977	VV	15354	658606	5.33%	0.259%	
207	17.002	16.977	17.037	VV	4744	143802	1.16%	0.057%	
208	17.067	17.037	17.088	VV	4730	116280	0.94%	0.046%	
209	17.129	17.088	17.194	VV	198285	3059816	24.76%	1.202%	
210	17.231	17.194	17.264	VV	563828	7551563	61.12%	2.968%	
211	17.277	17.264	17.416	VV	9017	399587	3.23%	0.157%	
212	17.425	17.416	17.448	VV	2462	42862	0.35%	0.017%	
213	17.481	17.448	17.536	VV	2197	101544	0.82%	0.040%	
214	17.586	17.536	17.634	VV	5266	139769	1.13%	0.055%	
215	17.676	17.634	17.723	VV	7635	142122	1.15%	0.056%	
216	17.759	17.723	17.826	VV	1271	41892	0.34%	0.016%	
217	17.845	17.826	17.874	VV	312	6847	0.06%	0.003%	
218	17.902	17.874	17.935	VV	12620	163903	1.33%	0.064%	
219	17.973	17.935	17.992	PV	11601	164993	1.34%	0.065%	
220	18.004	17.992	18.048	VV	5526	78751	0.64%	0.031%	
221	18.117	18.048	18.170	VV	524505	7341043	59.41%	2.885%	
222	18.204	18.170	18.232	VV	3319	75940	0.61%	0.030%	
223	18.242	18.232	18.266	VV	931	16536	0.13%	0.006%	
224	18.295	18.266	18.317	VV	899	20843	0.17%	0.008%	
225	18.345	18.317	18.368	VV	1853	31239	0.25%	0.012%	
226	18.391	18.368	18.407	VV	953	17091	0.14%	0.007%	
227	18.492	18.407	18.512	VV	137739	2279428	18.45%	0.896%	
228	18.532	18.512	18.601	VV	116993	2081284	16.84%	0.818%	
229	18.624	18.601	18.688	VV	10533	407825	3.30%	0.160%	
230	18.749	18.688	18.871	VV	171447	3102557	25.11%	1.219%	
231	18.884	18.871	18.899	VV	6652	105744	0.86%	0.042%	
232	18.947	18.899	19.004	VV	519936	7515053	60.82%	2.953%	
233	19.053	19.004	19.081	VV	8946	308117	2.49%	0.121%	
234	19.102	19.081	19.138	VV	5250	148629	1.20%	0.058%	
235	19.149	19.138	19.172	VV	3923	72002	0.58%	0.028%	
236	19.226	19.172	19.254	VV	5785	195226	1.58%	0.077%	
237	19.293	19.254	19.320	VV	28839	531603	4.30%	0.209%	
238	19.341	19.320	19.383	VV	14308	301962	2.44%	0.119%	
239	19.419	19.383	19.452	VV	5561	172457	1.40%	0.068%	
240	19.475	19.452	19.496	VV	5938	119809	0.97%	0.047%	
241	19.510	19.496	19.520	VV	4056	55808	0.45%	0.022%	
242	19.538	19.520	19.556	VV	5038	90703	0.73%	0.036%	
243	19.578	19.556	19.608	VV	6404	145461	1.18%	0.057%	
244	19.626	19.608	19.670	VV	4522	124168	1.00%	0.049%	
245	19.728	19.670	19.772	VV	484932	7282123	58.93%	2.862%	
246	19.789	19.772	19.803	VV	7544	127297	1.03%	0.050%	

Instrument :

FID_E

ClientSampleId :

1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

rteres									
247	19.819	19.803	19.858	VV	7577	194027	1.57%	0.076%	
248	19.893	19.858	19.924	VV	4677	160375			
249	19.950	19.924	19.964	VV	3372	79590			
250	20.005	19.964	20.043	VV	6105	210679			
251	20.074	20.043	20.140	VV	8145	318052			
252	20.168	20.140	20.186	VV	3940	102550			
253	20.204	20.186	20.216	VV	3857	63894	0.52%	0.025%	
254	20.350	20.216	20.375	VV	7353	491235	3.98%	0.193%	
255	20.399	20.375	20.423	VV	9820	214821	1.74%	0.084%	
256	20.467	20.423	20.528	VV	457228	7244298	58.63%	2.847%	
257	20.558	20.528	20.573	VV	9601	241877	1.96%	0.095%	
258	20.624	20.573	20.742	VV	21424	1145994	9.27%	0.450%	
259	20.772	20.742	20.791	VV	8779	227710	1.84%	0.089%	
260	20.817	20.791	20.851	VV	9531	309502	2.50%	0.122%	
261	20.867	20.851	20.886	VV	7769	162083	1.31%	0.064%	
262	20.910	20.886	20.966	VV	7645	337151	2.73%	0.132%	
263	20.996	20.966	21.025	VV	6957	233314	1.89%	0.092%	
264	21.038	21.025	21.058	VV	6283	120559	0.98%	0.047%	
265	21.111	21.058	21.151	VV	6761	353473	2.86%	0.139%	
266	21.209	21.151	21.474	VV	389674	7833568	63.40%	3.078%	
267	21.485	21.474	21.507	VV	3732	74975	0.61%	0.029%	
268	21.532	21.507	21.594	VV	3754	171079	1.38%	0.067%	
269	21.635	21.594	21.700	VV	4075	180425	1.46%	0.071%	
270	21.713	21.700	21.754	VV	2036	60193	0.49%	0.024%	
271	21.767	21.754	21.808	VV	1743	50376	0.41%	0.020%	
272	21.879	21.808	21.922	VV	1372	87386	0.71%	0.034%	
273	21.935	21.922	21.965	VV	1104	25540	0.21%	0.010%	
274	21.977	21.965	22.049	VV	910	25756	0.21%	0.010%	
275	22.138	22.049	22.259	PV	273946	6718396	54.37%	2.640%	

Sum of corrected areas: 254463781

Aliphatic EPH 031324.M Tue Mar 19 04:32:53 2024

Instrument :
FID_E
ClientSampleId :
1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024