

Instrument :
FID_E
ClientSampleId :
TR-05-103123MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE045143.D
Signal(s) : FID1B.ch
Acq On : 01 Nov 2023 18:21
Sample : 05171-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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	3.227	3.184	3.247	BV	11314	117388	0.97%	0.039%
2	3.280	3.247	3.395	VV	427767	4351405	35.89%	1.457%
3	3.415	3.395	3.441	VV	836	13039	0.11%	0.004%
4	3.462	3.441	3.481	VV	2358	24884	0.21%	0.008%
5	3.491	3.481	3.510	VV	341	4277	0.04%	0.001%
6	3.520	3.510	3.538	VV	296	2756	0.02%	0.001%
7	3.559	3.538	3.581	VV	271	3424	0.03%	0.001%
8	3.620	3.581	3.664	VV	4054	58039	0.48%	0.019%
9	3.702	3.664	3.721	VV	2759	55867	0.46%	0.019%
10	3.749	3.721	3.838	VV	44932	446796	3.69%	0.150%
11	3.864	3.838	3.905	PV	37149	356333	2.94%	0.119%
12	3.922	3.905	3.933	VV	612	8104	0.07%	0.003%
13	3.952	3.933	3.997	VV	2740	39329	0.32%	0.013%
14	4.016	3.997	4.038	VV	2822	29746	0.25%	0.010%
15	4.052	4.038	4.091	VV	2091	32189	0.27%	0.011%
16	4.112	4.091	4.198	VV	2160	36034	0.30%	0.012%
17	4.248	4.198	4.280	PV	3973	90698	0.75%	0.030%
18	4.291	4.280	4.322	VV	850	13306	0.11%	0.004%
19	4.335	4.322	4.359	VV	285	4502	0.04%	0.002%
20	4.389	4.359	4.400	VV	275	3570	0.03%	0.001%
21	4.419	4.400	4.460	VV	983	12324	0.10%	0.004%
22	4.531	4.460	4.548	VV	502205	4943805	40.78%	1.655%
23	4.565	4.548	4.666	VV	523381	5269470	43.47%	1.764%
24	4.686	4.666	4.724	VV	1091	23007	0.19%	0.008%
25	4.748	4.724	4.790	VV	909	17885	0.15%	0.006%
26	4.809	4.790	4.858	VV	1076	17384	0.14%	0.006%
27	4.863	4.858	4.875	VV	201	1853	0.02%	0.001%
28	4.892	4.875	4.924	VV	387	7912	0.07%	0.003%
29	4.944	4.924	4.964	VV	443	7241	0.06%	0.002%
30	5.007	4.964	5.058	VV	655	24148	0.20%	0.008%
31	5.101	5.058	5.165	VV	1861	35154	0.29%	0.012%

32	5.185	5.165	5.213	VV	1118	14624	0.12%	0.005%
33	5.231	5.213	5.265	VV	604	1036		
34	5.293	5.265	5.331	VV	756	1566		
35	5.370	5.331	5.391	VV	484	864		
36	5.432	5.391	5.454	VV	1214	1712		
37	5.468	5.454	5.491	VV	679	8459	0.07%	0.003%
38	5.519	5.491	5.557	VV	728	12877	0.11%	0.004%
39	5.603	5.557	5.621	VV	147	2577	0.02%	0.001%
40	5.665	5.621	5.747	PV	1361	31265	0.26%	0.010%
41	5.766	5.747	5.804	VV	886	11622	0.10%	0.004%
42	5.814	5.804	5.824	VV	78	802	0.01%	0.000%
43	5.851	5.824	5.888	VV	588	11147	0.09%	0.004%
44	5.910	5.888	5.944	VV	3078	35638	0.29%	0.012%
45	5.974	5.944	6.018	VV	566	14705	0.12%	0.005%
46	6.049	6.018	6.070	VV	591	8607	0.07%	0.003%
47	6.087	6.070	6.122	VV	312	5738	0.05%	0.002%
48	6.143	6.122	6.164	VV	239	2943	0.02%	0.001%
49	6.231	6.164	6.364	PV	591651	5874443	48.46%	1.967%
50	6.407	6.364	6.419	VV	1033	27658	0.23%	0.009%
51	6.429	6.419	6.449	VV	937	13855	0.11%	0.005%
52	6.462	6.449	6.479	VV	650	10208	0.08%	0.003%
53	6.487	6.479	6.497	VV	589	6067	0.05%	0.002%
54	6.522	6.497	6.555	VV	668	17796	0.15%	0.006%
55	6.585	6.555	6.595	VV	415	7809	0.06%	0.003%
56	6.618	6.595	6.658	VV	774	14835	0.12%	0.005%
57	6.695	6.658	6.764	VV	539597	5538416	45.69%	1.854%
58	6.781	6.764	6.794	VV	732	11025	0.09%	0.004%
59	6.808	6.794	6.827	VV	674	11065	0.09%	0.004%
60	6.846	6.827	6.874	VV	1359	21408	0.18%	0.007%
61	6.890	6.874	6.938	VV	518	10718	0.09%	0.004%
62	6.949	6.938	6.961	VV	320	3848	0.03%	0.001%
63	6.976	6.961	6.998	VV	846	9644	0.08%	0.003%
64	7.020	6.998	7.066	PV	519	13332	0.11%	0.004%
65	7.098	7.066	7.130	VV	1893	39130	0.32%	0.013%
66	7.140	7.130	7.156	VV	646	8190	0.07%	0.003%
67	7.178	7.156	7.199	VV	2580	33617	0.28%	0.011%
68	7.229	7.199	7.254	VV	8440	104250	0.86%	0.035%
69	7.266	7.254	7.287	VV	1204	15653	0.13%	0.005%
70	7.327	7.287	7.396	VV	574248	5895588	48.63%	1.974%
71	7.420	7.396	7.447	VV	3257	68524	0.57%	0.023%
72	7.464	7.447	7.498	VV	2445	44201	0.36%	0.015%
73	7.526	7.498	7.541	VV	2003	36131	0.30%	0.012%
74	7.550	7.541	7.578	VV	1453	21983	0.18%	0.007%
75	7.614	7.578	7.624	VV	2201	36627	0.30%	0.012%
76	7.642	7.624	7.669	VV	5004	72242	0.60%	0.024%
77	7.677	7.669	7.686	VV	884	8073	0.07%	0.003%
78	7.701	7.686	7.758	VV	848	22702	0.19%	0.008%
79	7.765	7.758	7.778	VV	278	2908	0.02%	0.001%

Instrument :

FID_E

ClientSampleId :

TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

Instrument :

FID_E

ClientSampleId :

TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

80	7.814	7.778	7.846	VV	1795	30847	0.25%	0.010%
81	7.866	7.846	7.888	VV	618	795		
82	7.908	7.888	7.916	PV	355	352		
83	7.954	7.916	8.038	VV	722341	736382		
84	8.068	8.038	8.087	VV	2209	5235		
85	8.096	8.087	8.151	VV	1570	44894	0.37%	0.015%
86	8.167	8.151	8.191	VV	1169	19132	0.16%	0.006%
87	8.215	8.191	8.233	VV	1940	28943	0.24%	0.010%
88	8.249	8.233	8.258	VV	1563	18014	0.15%	0.006%
89	8.271	8.258	8.297	VV	2193	28767	0.24%	0.010%
90	8.340	8.297	8.368	VV	2450	43830	0.36%	0.015%
91	8.445	8.368	8.460	VV	2372	70775	0.58%	0.024%
92	8.488	8.460	8.496	VV	8177	103474	0.85%	0.035%
93	8.525	8.496	8.581	VV	563669	5974260	49.28%	2.000%
94	8.628	8.581	8.699	VV	610665	6237636	51.45%	2.088%
95	8.709	8.699	8.726	VV	1887	26860	0.22%	0.009%
96	8.743	8.726	8.784	VV	1759	38639	0.32%	0.013%
97	8.829	8.784	8.896	VV	441251	4804277	39.63%	1.608%
98	8.928	8.896	8.999	VV	591007	6240852	51.48%	2.089%
99	9.014	8.999	9.031	VV	2254	37779	0.31%	0.013%
100	9.061	9.031	9.095	VV	3808	76011	0.63%	0.025%
101	9.116	9.095	9.152	VV	1628	37065	0.31%	0.012%
102	9.169	9.152	9.182	VV	1328	19060	0.16%	0.006%
103	9.202	9.182	9.228	VV	3327	50463	0.42%	0.017%
104	9.268	9.228	9.310	VV	1248	50735	0.42%	0.017%
105	9.350	9.310	9.421	VV	9346	157389	1.30%	0.053%
106	9.438	9.421	9.460	VV	1108	16225	0.13%	0.005%
107	9.494	9.460	9.514	VV	1187	20493	0.17%	0.007%
108	9.530	9.514	9.562	VV	796	16085	0.13%	0.005%
109	9.580	9.562	9.599	VV	1098	16036	0.13%	0.005%
110	9.634	9.599	9.661	VV	1160	26471	0.22%	0.009%
111	9.718	9.661	9.837	VV	558454	6290466	51.89%	2.106%
112	9.861	9.837	9.885	VV	2509	52560	0.43%	0.018%
113	9.930	9.885	10.021	VV	4320	129799	1.07%	0.043%
114	10.044	10.021	10.055	VV	1533	23873	0.20%	0.008%
115	10.066	10.055	10.100	VV	1559	39029	0.32%	0.013%
116	10.134	10.100	10.188	VV	563102	6327926	52.20%	2.118%
117	10.200	10.188	10.281	VV	1462	46670	0.38%	0.016%
118	10.303	10.281	10.331	VV	768	11833	0.10%	0.004%
119	10.341	10.331	10.351	VV	217	2201	0.02%	0.001%
120	10.365	10.351	10.391	VV	218	3744	0.03%	0.001%
121	10.407	10.391	10.434	VV	692	9670	0.08%	0.003%
122	10.480	10.434	10.496	VV	1201	24175	0.20%	0.008%
123	10.522	10.496	10.549	VV	4202	65822	0.54%	0.022%
124	10.573	10.549	10.588	VV	1733	26651	0.22%	0.009%
125	10.608	10.588	10.629	VV	2036	33556	0.28%	0.011%
126	10.645	10.629	10.653	VV	1128	13268	0.11%	0.004%

127	10.667	10.653	10.694	VV	1533	20693	0.17%	0.007%
128	10.720	10.694	10.749	VV	880	1866		
129	10.776	10.749	10.836	VV	2458	6193		
130	10.873	10.836	10.903	VV	11002	15789		
131	10.929	10.903	11.040	VV	7629	18198		
132	11.127	11.040	11.171	VV	565155	6387964	52.69%	2.138%
133	11.203	11.171	11.311	VV	544598	6193081	51.09%	2.073%
134	11.327	11.311	11.358	VV	2022	40815	0.34%	0.014%
135	11.381	11.358	11.401	VV	4234	56725	0.47%	0.019%
136	11.422	11.401	11.458	VV	3916	67991	0.56%	0.023%
137	11.511	11.458	11.543	VV	1601	47288	0.39%	0.016%
138	11.581	11.543	11.632	VV	546540	6447468	53.18%	2.158%
139	11.666	11.632	11.705	VV	4249	90428	0.75%	0.030%
140	11.730	11.705	11.752	VV	941	14864	0.12%	0.005%
141	11.777	11.752	11.799	VV	1111	16605	0.14%	0.006%
142	11.823	11.799	11.851	VV	745	15106	0.12%	0.005%
143	11.895	11.851	11.947	VV	584382	6567727	54.18%	2.199%
144	11.964	11.947	11.997	VV	5404	84151	0.69%	0.028%
145	12.045	11.997	12.064	VV	5477	107529	0.89%	0.036%
146	12.078	12.064	12.094	VV	3572	45842	0.38%	0.015%
147	12.109	12.094	12.162	VV	3709	59966	0.49%	0.020%
148	12.185	12.162	12.207	PV	894	13832	0.11%	0.005%
149	12.249	12.207	12.271	VV	8632	120277	0.99%	0.040%
150	12.300	12.271	12.378	VV	60343	774630	6.39%	0.259%
151	12.404	12.378	12.442	VV	2407	32504	0.27%	0.011%
152	12.494	12.442	12.561	VV	13848	185449	1.53%	0.062%
153	12.582	12.561	12.623	VV	2966	53682	0.44%	0.018%
154	12.661	12.623	12.691	VV	1111	33213	0.27%	0.011%
155	12.718	12.691	12.759	VV	3689	63746	0.53%	0.021%
156	12.784	12.759	12.809	PV	2658	35763	0.30%	0.012%
157	12.832	12.809	12.852	VV	4209	55113	0.45%	0.018%
158	12.893	12.852	12.921	VV	519846	6360511	52.47%	2.129%
159	12.953	12.921	13.061	VV	592176	6786802	55.98%	2.272%
160	13.084	13.061	13.098	PV	1438	19163	0.16%	0.006%
161	13.135	13.098	13.213	VV	7366	136438	1.13%	0.046%
162	13.252	13.213	13.284	VV	554035	6555312	54.07%	2.194%
163	13.338	13.284	13.361	VV	488724	8534833	70.40%	2.857%
164	13.377	13.361	13.402	VV	123092	1498229	12.36%	0.502%
165	13.411	13.402	13.438	VV	10715	143396	1.18%	0.048%
166	13.451	13.438	13.470	VV	3294	44646	0.37%	0.015%
167	13.506	13.470	13.537	VV	491537	6030277	49.74%	2.019%
168	13.557	13.537	13.624	VV	25048	374503	3.09%	0.125%
169	13.647	13.624	13.682	VV	2219	43449	0.36%	0.015%
170	13.714	13.682	13.793	VV	4115	112636	0.93%	0.038%
171	13.841	13.793	13.918	VV	8798	201443	1.66%	0.067%
172	13.947	13.918	13.969	VV	5736	99267	0.82%	0.033%
173	13.987	13.969	14.009	VV	4631	67957	0.56%	0.023%
174	14.032	14.009	14.055	VV	2748	56467	0.47%	0.019%

Instrument :

FID_E

ClientSampleId :

TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

175	14.093	14.055	14.140	VV	456629	6021998	49.67%	2.016%
176	14.158	14.140	14.178	VV	3953	6068		
177	14.193	14.178	14.245	VV	1631	5276		
178	14.262	14.245	14.284	VV	1104	1983		
179	14.316	14.284	14.346	VV	1247	3617		
180	14.376	14.346	14.384	VV	2025	32698	0.27%	0.011%
181	14.393	14.384	14.414	VV	2074	26765	0.22%	0.009%
182	14.424	14.414	14.440	VV	794	10796	0.09%	0.004%
183	14.454	14.440	14.468	VV	883	11453	0.09%	0.004%
184	14.530	14.468	14.560	VV	4429	122570	1.01%	0.041%
185	14.579	14.560	14.626	VV	5368	95074	0.78%	0.032%
186	14.657	14.626	14.691	VV	6653	115003	0.95%	0.038%
187	14.711	14.691	14.730	VV	3848	58859	0.49%	0.020%
188	14.755	14.730	14.792	VV	5954	116880	0.96%	0.039%
189	14.816	14.792	14.842	VV	8212	119734	0.99%	0.040%
190	14.881	14.842	14.920	VV	5418	109623	0.90%	0.037%
191	14.941	14.920	14.960	VV	944	11438	0.09%	0.004%
192	15.003	14.960	15.058	VV	1695	37169	0.31%	0.012%
193	15.086	15.058	15.097	PV	2197	25715	0.21%	0.009%
194	15.137	15.097	15.157	VV	429937	6091080	50.24%	2.039%
195	15.183	15.157	15.266	VV	585880	12122996	100.00%	4.058%
196	15.294	15.266	15.348	VV	7935	175532	1.45%	0.059%
197	15.380	15.348	15.412	VV	2029	52343	0.43%	0.018%
198	15.441	15.412	15.459	VV	3032	47421	0.39%	0.016%
199	15.472	15.459	15.521	VV	2030	47791	0.39%	0.016%
200	15.531	15.521	15.539	VV	395	4024	0.03%	0.001%
201	15.596	15.539	15.687	VV	13556	439613	3.63%	0.147%
202	15.717	15.687	15.746	VV	6215	98558	0.81%	0.033%
203	15.805	15.746	15.829	VV	7048	167416	1.38%	0.056%
204	15.845	15.829	15.872	VV	2947	42850	0.35%	0.014%
205	15.894	15.872	15.911	VV	1157	17256	0.14%	0.006%
206	15.968	15.911	16.011	VV	3828	110867	0.91%	0.037%
207	16.044	16.011	16.072	VV	2019	34427	0.28%	0.012%
208	16.130	16.072	16.154	VV	1918	36355	0.30%	0.012%
209	16.224	16.154	16.265	VV	420623	5711519	47.11%	1.912%
210	16.283	16.265	16.301	VV	843	12494	0.10%	0.004%
211	16.313	16.301	16.321	VV	358	3783	0.03%	0.001%
212	16.339	16.321	16.368	VV	321	6073	0.05%	0.002%
213	16.408	16.368	16.418	PV	1389	23376	0.19%	0.008%
214	16.428	16.418	16.457	VV	1169	20006	0.17%	0.007%
215	16.483	16.457	16.498	VV	1843	25463	0.21%	0.009%
216	16.515	16.498	16.533	VV	1080	18846	0.16%	0.006%
217	16.558	16.533	16.567	VV	938	15304	0.13%	0.005%
218	16.613	16.567	16.655	VV	3067	98822	0.82%	0.033%
219	16.705	16.655	16.720	VV	400916	6876129	56.72%	2.302%
220	16.736	16.720	16.807	VV	513626	6364647	52.50%	2.131%
221	16.829	16.807	16.851	VV	7156	114944	0.95%	0.038%

Instrument :

FID_E

ClientSampleId :

TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

222	16.863	16.851	16.906	VV	2344	50803	0.42%	0.017%
223	16.919	16.906	16.928	VV	757	891		
224	16.949	16.928	16.964	VV	1102	1458		
225	17.019	16.964	17.043	VV	21585	37982		
226	17.085	17.043	17.131	VV	450168	632499		
227	17.175	17.131	17.211	VV	400080	5840676	48.18%	1.955%
228	17.221	17.211	17.291	VV	5424	147316	1.22%	0.049%
229	17.322	17.291	17.364	VV	2951	96698	0.80%	0.032%
230	17.442	17.364	17.524	VV	3778	183711	1.52%	0.061%
231	17.579	17.524	17.593	PV	3052	68352	0.56%	0.023%
232	17.623	17.593	17.649	VV	6585	127035	1.05%	0.043%
233	17.663	17.649	17.678	VV	673	7239	0.06%	0.002%
234	17.696	17.678	17.708	PV	502	5532	0.05%	0.002%
235	17.738	17.708	17.764	VV	2388	40759	0.34%	0.014%
236	17.784	17.764	17.813	VV	829	16660	0.14%	0.006%
237	17.956	17.813	17.984	PV	5382	147452	1.22%	0.049%
238	18.067	17.984	18.108	VV	388975	5801592	47.86%	1.942%
239	18.156	18.108	18.180	VV	5152	117047	0.97%	0.039%
240	18.203	18.180	18.276	VV	3461	116626	0.96%	0.039%
241	18.362	18.276	18.371	PV	4087	59756	0.49%	0.020%
242	18.385	18.371	18.409	VV	3943	64759	0.53%	0.022%
243	18.464	18.409	18.480	VV	337931	6261248	51.65%	2.096%
244	18.501	18.480	18.557	VV	375019	6578189	54.26%	2.202%
245	18.583	18.557	18.608	VV	13017	363987	3.00%	0.122%
246	18.624	18.608	18.672	VV	10428	321499	2.65%	0.108%
247	18.724	18.672	18.781	VV	374602	6084177	50.19%	2.037%
248	18.791	18.781	18.820	VV	10353	213818	1.76%	0.072%
249	18.845	18.820	18.859	VV	10292	204300	1.69%	0.068%
250	18.900	18.859	18.961	VV	376568	5979154	49.32%	2.002%
251	18.997	18.961	19.018	VV	8986	218827	1.81%	0.073%
252	19.044	19.018	19.074	VV	6244	186972	1.54%	0.063%
253	19.085	19.074	19.093	VV	4469	49272	0.41%	0.016%
254	19.181	19.093	19.199	VV	6581	347993	2.87%	0.116%
255	19.225	19.199	19.238	VV	6212	136237	1.12%	0.046%
256	19.294	19.238	19.343	VV	15981	656002	5.41%	0.220%
257	19.394	19.343	19.411	VV	8291	286622	2.36%	0.096%
258	19.501	19.411	19.517	VV	9077	506882	4.18%	0.170%
259	19.533	19.517	19.543	VV	7694	117802	0.97%	0.039%
260	19.687	19.543	19.727	VV	379751	6713167	55.38%	2.247%
261	19.741	19.727	19.761	VV	16572	320246	2.64%	0.107%
262	19.791	19.761	19.824	VV	18707	645860	5.33%	0.216%
263	19.869	19.824	19.898	VV	21813	835686	6.89%	0.280%
264	19.941	19.898	19.965	VV	23367	810087	6.68%	0.271%
265	19.983	19.965	20.005	VV	19647	455858	3.76%	0.153%
266	20.058	20.005	20.091	VV	22160	1057159	8.72%	0.354%
267	20.249	20.091	20.281	VV	33121	2897143	23.90%	0.970%
268	20.297	20.281	20.344	VV	28896	1053304	8.69%	0.353%
269	20.428	20.344	20.470	VV	375339	7717748	63.66%	2.584%

Instrument :

FID_E

ClientSampleId :

TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

270	20.575	20.470	20.651	VV	42698	3911745	32.27%	1.309%
271	20.661	20.651	20.669	VV	31723	33392		
272	20.781	20.669	20.903	VV	48030	528695		
273	20.993	20.903	21.031	VV	35071	252242		
274	21.170	21.031	21.221	VV	322793	937486		
275	21.362	21.221	21.472	VV	30727	4075873	33.62%	1.364%
276	21.489	21.472	21.501	VV	19728	340653	2.81%	0.114%
277	21.525	21.501	21.533	VV	18987	362829	2.99%	0.121%
278	21.606	21.533	21.618	VV	24875	1095897	9.04%	0.367%
279	21.657	21.618	21.779	VV	25569	2026687	16.72%	0.678%
280	21.786	21.779	21.811	VV	13406	236837	1.95%	0.079%
281	21.821	21.811	21.828	VV	11421	115860	0.96%	0.039%
282	21.914	21.828	21.993	VV	18374	1342899	11.08%	0.450%
283	22.090	21.993	22.160	VV	225027	6694175	55.22%	2.241%
284	22.173	22.160	22.192	VV	9087	153880	1.27%	0.052%
285	22.199	22.192	22.278	VV	7136	189305	1.56%	0.063%
286	22.292	22.278	22.300	PV	598	5513	0.05%	0.002%
Sum of corrected areas:						298723724		

Instrument :
FID_E
ClientSampleId :
TR-05-103123MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

Aliphatic EPH 101223.M Thu Nov 02 01:29:24 2023