

rteres

Instrument :

FID_E

ClientSampleId :

PL-714-13

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE04212
Data File : FE053443.D
Signal(s) : FID1B.ch
Acq On : 21 Apr 2025 17:04
Sample : Q1832-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.863	2.804	2.921	BV	114	1424	0.02%	0.003%
2	2.925	2.921	3.012	VV	75	1222	0.02%	0.002%
3	3.022	3.012	3.046	PV	58	733	0.01%	0.001%
4	3.068	3.046	3.078	VV	137	1496	0.02%	0.003%
5	3.098	3.078	3.196	VV	208	8784	0.12%	0.018%
6	3.226	3.196	3.262	PV	149	3456	0.05%	0.007%
7	3.281	3.262	3.317	PV	50	1323	0.02%	0.003%
8	3.378	3.317	3.395	VV	172	5110	0.07%	0.010%
9	3.413	3.395	3.471	VV	278	5950	0.08%	0.012%
10	3.517	3.471	3.586	VV	128	5670	0.08%	0.011%
11	3.591	3.586	3.608	VV	108	1128	0.02%	0.002%
12	3.632	3.608	3.674	VV	165	4380	0.06%	0.009%
13	3.706	3.674	3.774	VV	389	7935	0.11%	0.016%
14	3.823	3.774	3.865	PV	235	5560	0.08%	0.011%
15	3.874	3.865	3.891	VV	97	959	0.01%	0.002%
16	3.907	3.891	3.998	VV	254	6670	0.09%	0.013%
17	4.041	3.998	4.151	PV	1492	41024	0.56%	0.083%
18	4.171	4.151	4.236	VV	310	11504	0.16%	0.023%
19	4.253	4.236	4.303	VV	232	8168	0.11%	0.016%
20	4.312	4.303	4.324	VV	148	1742	0.02%	0.004%
21	4.330	4.324	4.360	VV	143	2576	0.04%	0.005%
22	4.374	4.360	4.404	VV	175	3222	0.04%	0.006%
23	4.425	4.404	4.461	VV	185	3974	0.05%	0.008%
24	4.484	4.461	4.504	VV	431	6341	0.09%	0.013%
25	4.521	4.504	4.588	VV	424	13524	0.18%	0.027%
26	4.605	4.588	4.622	VV	332	4581	0.06%	0.009%
27	4.654	4.622	4.691	VV	736	13013	0.18%	0.026%
28	4.714	4.691	4.786	VV	1228	29287	0.40%	0.059%
29	4.802	4.786	4.858	VV	468	10048	0.14%	0.020%
30	4.872	4.858	4.890	VV	302	4214	0.06%	0.008%
31	4.907	4.890	4.934	VV	379	6217	0.08%	0.013%
32	4.948	4.934	4.967	VV	194	3369	0.05%	0.007%
33	4.985	4.967	5.091	VV	297	8590	0.12%	0.017%
34	5.133	5.091	5.173	VV	383	9770	0.13%	0.020%
35	5.187	5.173	5.218	VV	184	2723	0.04%	0.005%
36	5.243	5.218	5.294	VV	316	6096	0.08%	0.012%

					retention			
37	5.316	5.294	5.345	VV	151	2751	0.04%	0.006%
38	5.372	5.345	5.418	PV	109	3639		
39	5.435	5.418	5.464	VV	646	9113		
40	5.474	5.464	5.495	VV	186	2694		
41	5.510	5.495	5.529	VV	169	1989		
42	5.534	5.529	5.565	VV	84	663		
43	5.572	5.565	5.601	PV	78	838	0.01%	0.002%
44	5.626	5.601	5.643	VV	537	7199	0.10%	0.015%
45	5.674	5.643	5.729	VV	1723	38078	0.52%	0.077%
46	5.748	5.729	5.786	VV	547	11947	0.16%	0.024%
47	5.793	5.786	5.801	VV	241	2133	0.03%	0.004%
48	5.815	5.801	5.858	VV	336	7218	0.10%	0.015%
49	5.887	5.858	5.897	VV	214	4067	0.06%	0.008%
50	5.917	5.897	5.954	VV	456	10545	0.14%	0.021%
51	5.958	5.954	5.965	VV	422	2059	0.03%	0.004%
52	5.973	5.965	5.988	VV	357	4149	0.06%	0.008%
53	6.004	5.988	6.093	VV	353	12412	0.17%	0.025%
54	6.111	6.093	6.140	VV	206	3758	0.05%	0.008%
55	6.153	6.140	6.178	VV	182	3172	0.04%	0.006%
56	6.202	6.178	6.251	VV	1187	23104	0.32%	0.047%
57	6.261	6.251	6.278	VV	258	3454	0.05%	0.007%
58	6.308	6.278	6.333	VV	354	8101	0.11%	0.016%
59	6.349	6.333	6.361	VV	336	4344	0.06%	0.009%
60	6.375	6.361	6.433	VV	416	10294	0.14%	0.021%
61	6.450	6.433	6.482	VV	246	5627	0.08%	0.011%
62	6.507	6.482	6.541	VV	433	10844	0.15%	0.022%
63	6.552	6.541	6.605	VV	453	10739	0.15%	0.022%
64	6.618	6.605	6.641	VV	330	4732	0.06%	0.010%
65	6.664	6.641	6.729	VV	802	15828	0.22%	0.032%
66	6.754	6.729	6.800	VV	832	18337	0.25%	0.037%
67	6.816	6.800	6.908	VV	626	13928	0.19%	0.028%
68	6.943	6.908	6.981	VV	213	4641	0.06%	0.009%
69	6.994	6.981	7.021	VV	196	2334	0.03%	0.005%
70	7.071	7.021	7.101	PV	304	6017	0.08%	0.012%
71	7.141	7.101	7.151	VV	122	2655	0.04%	0.005%
72	7.161	7.151	7.184	VV	166	2003	0.03%	0.004%
73	7.200	7.184	7.268	VV	254	7173	0.10%	0.014%
74	7.302	7.268	7.322	VV	339	6434	0.09%	0.013%
75	7.343	7.322	7.373	VV	708	10268	0.14%	0.021%
76	7.384	7.373	7.408	VV	242	3452	0.05%	0.007%
77	7.438	7.408	7.470	VV	591	8840	0.12%	0.018%
78	7.483	7.470	7.528	VV	157	3544	0.05%	0.007%
79	7.538	7.528	7.574	VV	112	2532	0.03%	0.005%
80	7.614	7.574	7.660	VV	455	8533	0.12%	0.017%
81	7.678	7.660	7.718	VV	364	5013	0.07%	0.010%
82	7.771	7.718	7.829	PV	174	5991	0.08%	0.012%
83	8.027	8.014	8.052	VV	1718	34501	0.47%	0.070%
84	8.068	8.052	8.175	VV	2029	59096	0.81%	0.119%
85	8.208	8.175	8.288	VV	511	24771	0.34%	0.050%
86	8.316	8.288	8.361	VV	416	12404	0.17%	0.025%
87	8.421	8.361	8.441	VV	868	19616	0.27%	0.040%
88	8.464	8.441	8.488	VV	917	18636	0.25%	0.038%
89	8.500	8.488	8.550	VV	831	17926	0.25%	0.036%

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90	8.606	8.550	8.681	VV	909	32878	0.45%	0.066%
91	8.694	8.681	8.721	VV	325	5316		
92	8.741	8.721	8.770	VV	259	4615		
93	8.904	8.884	8.961	VV	12175	182879		
94	8.978	8.961	9.084	VV	1691	59076		
95	9.111	9.084	9.123	VV	556	11006		
96	9.148	9.123	9.167	VV	1307	20370	0.28%	0.041%
97	9.188	9.167	9.224	VV	1213	24419	0.33%	0.049%
98	9.267	9.224	9.304	VV	4665	63581	0.87%	0.128%
99	9.329	9.304	9.350	VV	1146	18755	0.26%	0.038%
100	9.363	9.350	9.455	VV	543	13846	0.19%	0.028%
101	9.477	9.455	9.493	VV	390	5502	0.08%	0.011%
102	9.511	9.493	9.544	VV	443	7103	0.10%	0.014%
103	9.564	9.544	9.578	VV	120	1722	0.02%	0.003%
104	9.614	9.578	9.643	VV	347	6600	0.09%	0.013%
105	9.658	9.643	9.668	VV	130	1637	0.02%	0.003%
106	9.700	9.668	9.755	VV	5423	83109	1.14%	0.167%
107	9.776	9.755	9.797	VV	886	14033	0.19%	0.028%
108	9.849	9.797	9.891	VV	1927	43400	0.59%	0.087%
109	9.910	9.891	9.926	VV	1070	14747	0.20%	0.030%
110	9.944	9.926	9.956	VV	1289	15729	0.22%	0.032%
111	9.980	9.956	10.011	VV	20188	255474	3.49%	0.515%
112	10.021	10.011	10.090	VV	2355	50756	0.69%	0.102%
113	10.122	10.090	10.173	VV	1682	47485	0.65%	0.096%
114	10.184	10.173	10.198	VV	671	8971	0.12%	0.018%
115	10.215	10.198	10.248	VV	833	14553	0.20%	0.029%
116	10.259	10.248	10.280	VV	187	3040	0.04%	0.006%
117	10.295	10.280	10.385	VV	237	4825	0.07%	0.010%
118	10.445	10.385	10.473	PV	331	6720	0.09%	0.014%
119	10.500	10.473	10.518	VV	406	6559	0.09%	0.013%
120	10.528	10.518	10.540	VV	386	4316	0.06%	0.009%
121	10.560	10.540	10.569	VV	778	10396	0.14%	0.021%
122	10.588	10.569	10.611	VV	1727	25059	0.34%	0.050%
123	10.627	10.611	10.667	VV	950	14676	0.20%	0.030%
124	10.702	10.667	10.743	VV	1502	29352	0.40%	0.059%
125	10.767	10.743	10.823	VV	1466	35540	0.49%	0.072%
126	10.874	10.823	10.888	VV	1381	31605	0.43%	0.064%
127	10.911	10.888	10.990	VV	3268	77446	1.06%	0.156%
128	11.007	10.990	11.025	VV	917	11459	0.16%	0.023%
129	11.044	11.025	11.059	VV	625	10323	0.14%	0.021%
130	11.107	11.059	11.161	VV	85026	1032439	14.11%	2.080%
131	11.184	11.161	11.266	VV	16383	254799	3.48%	0.513%
132	11.284	11.266	11.314	VV	628	13449	0.18%	0.027%
133	11.324	11.314	11.344	VV	321	3676	0.05%	0.007%
134	11.370	11.344	11.388	VV	735	11470	0.16%	0.023%
135	11.408	11.388	11.462	VV	5743	90633	1.24%	0.183%
136	11.509	11.462	11.527	VV	663	18921	0.26%	0.038%
137	11.556	11.527	11.586	VV	956	20740	0.28%	0.042%
138	11.642	11.586	11.684	VV	2875	56524	0.77%	0.114%
139	11.713	11.684	11.737	VV	1287	20926	0.29%	0.042%
140	11.760	11.737	11.790	VV	927	15942	0.22%	0.032%
141	11.808	11.790	11.823	PV	483	5312	0.07%	0.011%

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0.45% 0.066%

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142	11.878	11.823	11.904	VV	656525	7315142	100.00%	14.738%
143	11.915	11.904	11.930	VV	9745	109061	1.00%	0.00%
144	11.947	11.930	11.996	VV	11741	188517	2.00%	0.00%
145	12.029	11.996	12.050	VV	19457	279147	3.00%	0.00%
							Manual IntegrationsAPPROVED	
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146	12.064	12.050	12.078	VV	5590	68783	0.00%	0.00%
147	12.095	12.078	12.131	VV	7772	104025	1.00%	0.00%
148	12.148	12.131	12.157	VV	555	5983	0.08%	0.012%
149	12.185	12.157	12.217	VV	1060	27031	0.37%	0.054%
150	12.235	12.217	12.260	VV	985	19176	0.26%	0.039%
151	12.285	12.260	12.362	VV	7982	147252	2.01%	0.297%
152	12.387	12.362	12.485	VV	6460	112744	1.54%	0.227%
153	12.495	12.485	12.502	VV	264	2430	0.03%	0.005%
154	12.533	12.502	12.558	VV	1193	18457	0.25%	0.037%
155	12.593	12.558	12.611	VV	878	17669	0.24%	0.036%
156	12.637	12.611	12.650	VV	1452	24227	0.33%	0.049%
157	12.662	12.650	12.688	VV	1355	22229	0.30%	0.045%
158	12.708	12.688	12.748	VV	2304	45301	0.62%	0.091%
159	12.777	12.748	12.798	VV	3277	53992	0.74%	0.109%
160	12.817	12.798	12.838	VV	5210	69875	0.96%	0.141%
161	12.878	12.838	12.904	VV	2844	78599	1.07%	0.158%
162	12.935	12.904	12.991	VV	209242	2459935	33.63%	4.956%
163	13.003	12.991	13.050	VV	2200	43989	0.60%	0.089%
164	13.120	13.050	13.138	VV	6645	143906	1.97%	0.290%
165	13.153	13.138	13.202	VV	3565	78660	1.08%	0.158%
166	13.234	13.202	13.266	VV	158990	1818340	24.86%	3.663%
167	13.323	13.266	13.387	VV	476975	6098270	83.37%	12.286%
168	13.409	13.387	13.425	VV	6251	87079	1.19%	0.175%
169	13.440	13.425	13.470	VV	5305	93408	1.28%	0.188%
170	13.505	13.470	13.544	VV	8664	144864	1.98%	0.292%
171	13.584	13.544	13.610	VV	3509	64215	0.88%	0.129%
172	13.635	13.610	13.669	VV	4269	68365	0.93%	0.138%
173	13.696	13.669	13.760	VV	8440	143914	1.97%	0.290%
174	13.827	13.760	13.874	VV	29951	467259	6.39%	0.941%
175	13.892	13.874	13.907	VV	2297	30842	0.42%	0.062%
176	13.934	13.907	13.957	VV	24156	324894	4.44%	0.655%
177	13.974	13.957	13.994	VV	9869	138246	1.89%	0.279%
178	14.013	13.994	14.044	VV	8723	137585	1.88%	0.277%
179	14.102	14.044	14.126	VV	8006	221516	3.03%	0.446%
180	14.146	14.126	14.189	VV	6665	109397	1.50%	0.220%
181	14.226	14.189	14.245	VV	2293	47970	0.66%	0.097%
182	14.262	14.245	14.284	VV	1639	30706	0.42%	0.062%
183	14.307	14.284	14.324	VV	1125	21736	0.30%	0.044%
184	14.334	14.324	14.376	VV	979	18226	0.25%	0.037%
185	14.418	14.376	14.444	VV	653	13224	0.18%	0.027%
186	14.471	14.444	14.480	PV	938	11106	0.15%	0.022%
187	14.532	14.480	14.552	VV	4266	126998	1.74%	0.256%
188	14.571	14.552	14.604	VV	5119	84231	1.15%	0.170%
189	14.639	14.604	14.658	VV	4935	93450	1.28%	0.188%
190	14.667	14.658	14.714	VV	3089	54268	0.74%	0.109%
191	14.743	14.714	14.777	VV	11811	192696	2.63%	0.388%
192	14.805	14.777	14.833	VV	19241	305302	4.17%	0.615%
193	14.874	14.833	14.911	VV	7783	206976	2.83%	0.417%
194	14.929	14.911	14.945	VV	1636	26070	0.36%	0.053%

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195	14.993	14.945	15.051	VV	4991	127550	1.74%	0.257%
196	15.077	15.051	15.090	VV	3105	40555		
197	15.120	15.090	15.142	VV	83032	1168274	15.00%	0.000%
198	15.161	15.142	15.248	VV	84354	1268395	17.00%	0.000%
199	15.282	15.248	15.337	VV	20815	349598	4.00%	0.000%
200	15.370	15.337	15.401	VV	6883	123208	1.00%	0.000%
201	15.428	15.401	15.448	VV	8131	123163	1.68%	0.248%
202	15.464	15.448	15.532	VV	5692	127616	1.74%	0.257%
203	15.568	15.532	15.647	VV	18612	473449	6.47%	0.954%
204	15.703	15.647	15.729	VV	8188	177672	2.43%	0.358%
205	15.794	15.729	15.817	VV	14720	323614	4.42%	0.652%
206	15.834	15.817	15.860	VV	6970	118280	1.62%	0.238%
207	15.880	15.860	15.911	VV	6566	117652	1.61%	0.237%
208	15.954	15.911	16.000	VV	11869	327881	4.48%	0.661%
209	16.030	16.000	16.060	VV	4988	100450	1.37%	0.202%
210	16.074	16.060	16.097	VV	1522	24127	0.33%	0.049%
211	16.119	16.097	16.148	VV	2900	39552	0.54%	0.080%
212	16.204	16.148	16.276	VV	8379	194569	2.66%	0.392%
213	16.297	16.276	16.314	VV	728	8631	0.12%	0.017%
214	16.331	16.314	16.351	PV	508	4664	0.06%	0.009%
215	16.393	16.351	16.414	VV	1325	21374	0.29%	0.043%
216	16.431	16.414	16.451	VV	1037	14369	0.20%	0.029%
217	16.475	16.451	16.524	VV	3151	70061	0.96%	0.141%
218	16.596	16.524	16.640	VV	4892	147349	2.01%	0.297%
219	16.686	16.640	16.788	VV	88197	1900074	25.97%	3.828%
220	16.816	16.788	16.840	VV	15336	226693	3.10%	0.457%
221	16.850	16.840	16.898	VV	3976	79695	1.09%	0.161%
222	16.939	16.898	16.950	VV	2810	51418	0.70%	0.104%
223	17.007	16.950	17.039	VV	46954	776071	10.61%	1.564%
224	17.067	17.039	17.133	VV	58603	981362	13.42%	1.977%
225	17.166	17.133	17.201	VV	19840	360122	4.92%	0.726%
226	17.220	17.201	17.251	VV	3583	71360	0.98%	0.144%
227	17.312	17.251	17.354	VV	3855	148030	2.02%	0.298%
228	17.368	17.354	17.390	VV	1485	23003	0.31%	0.046%
229	17.433	17.390	17.509	VV	8386	315943	4.32%	0.637%
230	17.569	17.509	17.576	VV	3757	98395	1.35%	0.198%
231	17.605	17.576	17.635	VV	9245	183940	2.51%	0.371%
232	17.658	17.635	17.672	VV	2535	44010	0.60%	0.089%
233	17.686	17.672	17.703	VV	2243	34860	0.48%	0.070%
234	17.727	17.703	17.809	VV	6076	140978	1.93%	0.284%
235	17.847	17.809	17.873	VV	2207	49529	0.68%	0.100%
236	17.884	17.873	17.921	VV	1131	18617	0.25%	0.038%
237	17.939	17.921	17.957	VV	397	4751	0.06%	0.010%
238	18.046	17.957	18.091	PV	5605	166178	2.27%	0.335%
239	18.157	18.091	18.191	VV	3294	91203	1.25%	0.184%
240	18.228	18.191	18.261	VV	2824	93817	1.28%	0.189%
241	18.269	18.261	18.324	VV	1997	43566	0.60%	0.088%
242	18.355	18.324	18.393	VV	10157	221755	3.03%	0.447%
243	18.449	18.393	18.518	VV	30504	968465	13.24%	1.951%
244	18.527	18.518	18.552	VV	4831	83490	1.14%	0.168%
245	18.579	18.552	18.592	VV	7003	124252	1.70%	0.250%
246	18.610	18.592	18.670	VV	7038	221908	3.03%	0.447%

Instrument :

FID_E

ClientSampleId :

PL-714-13

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

247	18.701	18.670	18.758	VV	26551	510566	6.98%	1.029%
248	18.781	18.758	18.803	VV	3759	77562		
249	18.837	18.803	18.862	VV	9264	209541		
250	18.875	18.862	18.915	VV	5846	112235		
251	18.942	18.915	18.983	VV	3209	59830		
252	19.020	18.983	19.049	VV	870	23686		
253	19.072	19.049	19.101	VV	580	10000	0.14%	0.020%
254	19.141	19.101	19.168	PV	1586	33297	0.46%	0.067%
255	19.238	19.168	19.253	VV	3813	101607	1.39%	0.205%
256	19.281	19.253	19.334	VV	6283	183903	2.51%	0.371%
257	19.390	19.334	19.440	VV	2334	93560	1.28%	0.188%
258	19.477	19.440	19.497	VV	1285	21014	0.29%	0.042%
259	19.524	19.497	19.548	PV	511	9776	0.13%	0.020%
260	19.578	19.548	19.593	VV	276	6770	0.09%	0.014%
261	19.620	19.593	19.639	VV	1099	13288	0.18%	0.027%
262	19.667	19.639	19.694	PV	1408	20703	0.28%	0.042%
263	19.784	19.694	19.808	VV	1260	43601	0.60%	0.088%
264	19.870	19.808	19.905	VV	7575	227996	3.12%	0.459%
265	19.938	19.905	19.974	VV	8849	277178	3.79%	0.558%
266	20.022	19.974	20.104	VV	6988	371027	5.07%	0.747%
267	20.156	20.104	20.194	VV	2745	119801	1.64%	0.241%
268	20.250	20.194	20.302	VV	10634	415426	5.68%	0.837%
269	20.318	20.302	20.357	VV	6148	192668	2.63%	0.388%
270	20.395	20.357	20.461	VV	7015	351494	4.81%	0.708%
271	20.563	20.461	20.596	VV	10296	434167	5.94%	0.875%
272	20.770	20.596	20.788	VV	6333	596651	8.16%	1.202%
273	21.141	20.788	21.172	VV	6820	1442357	19.72%	2.906%
274	21.368	21.172	21.404	VV	6986	927232	12.68%	1.868%
275	21.569	21.404	21.593	VV	7380	770624	10.53%	1.553%
276	21.680	21.593	21.779	VV	8240	840886	11.50%	1.694%
277	21.887	21.779	21.920	VV	6521	562893	7.69%	1.134%
278	21.961	21.920	22.000	VV	6262	288685	3.95%	0.582%
279	22.060	22.000	22.071	VV	6031	254934	3.49%	0.514%
280	22.078	22.071	22.124	VV	5800	177426	2.43%	0.357%
281	22.135	22.124	22.141	VV	5259	52987	0.72%	0.107%
282	22.179	22.141	22.403	VV	4859	507958	6.94%	1.023%
283	22.460	22.403	22.493	VV	979	54253	0.74%	0.109%
284	22.504	22.493	22.524	VV	439	5899	0.08%	0.012%
Sum of corrected areas:					49635934			

Instrument :

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PL-714-13

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Aliphatic EPH 041725.M Tue Apr 22 03:43:23 2025