

rteres

Instrument :

FID_E

ClientSampleId :

OR-636-03

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/12/2025

Supervised By :mohammad ahmed 05/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05092
Data File : FE053747.D
Signal(s) : FID1B.ch
Acq On : 09 May 2025 15:01
Sample : Q1983-05
Misc :
ALS Vial : 8 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	2.848	2.804	2.888	BV	363	8785	0.15%	0.013%
2	2.892	2.888	3.134	VV	225	8281	0.15%	0.013%
3	3.151	3.134	3.189	PV	95	1823	0.03%	0.003%
4	3.201	3.189	3.242	VV	129	2441	0.04%	0.004%
5	3.247	3.242	3.361	VV	60	2519	0.04%	0.004%
6	3.369	3.361	3.389	PV	79	823	0.01%	0.001%
7	3.394	3.389	3.431	VV	112	1174	0.02%	0.002%
8	3.435	3.431	3.442	VV	71	373	0.01%	0.001%
9	3.454	3.442	3.501	VV	98	2484	0.04%	0.004%
10	3.515	3.501	3.628	VV	113	4654	0.08%	0.007%
11	3.650	3.628	3.678	PV	102	2272	0.04%	0.003%
12	3.694	3.678	3.734	VV	130	2939	0.05%	0.004%
13	3.740	3.734	3.761	VV	124	927	0.02%	0.001%
14	3.769	3.761	3.781	PV	67	610	0.01%	0.001%
15	3.813	3.781	3.894	VV	168	5786	0.10%	0.009%
16	3.898	3.894	3.981	VV	116	3085	0.05%	0.005%
17	3.999	3.981	4.021	PV	141	2391	0.04%	0.004%
18	4.038	4.021	4.069	VV	187	3558	0.06%	0.005%
19	4.080	4.069	4.094	VV	138	1726	0.03%	0.003%
20	4.109	4.094	4.127	VV	176	2392	0.04%	0.004%
21	4.184	4.127	4.314	VV	460	28746	0.51%	0.044%
22	4.321	4.314	4.368	VV	222	5146	0.09%	0.008%
23	4.374	4.368	4.398	VV	146	2580	0.05%	0.004%
24	4.405	4.398	4.421	VV	190	2229	0.04%	0.003%
25	4.427	4.421	4.450	VV	178	2462	0.04%	0.004%
26	4.466	4.450	4.488	VV	230	3999	0.07%	0.006%
27	4.500	4.488	4.564	VV	219	4482	0.08%	0.007%
28	4.588	4.564	4.606	VV	235	3024	0.05%	0.005%
29	4.642	4.606	4.669	VV	251	4170	0.07%	0.006%
30	4.704	4.669	4.882	VV	927	42403	0.75%	0.064%
31	4.890	4.882	4.950	VV	201	6148	0.11%	0.009%
32	4.981	4.950	5.081	VV	241	9674	0.17%	0.015%
33	5.092	5.081	5.123	VV	103	2222	0.04%	0.003%
34	5.133	5.123	5.151	VV	189	2189	0.04%	0.003%
35	5.156	5.151	5.204	VV	122	2514	0.04%	0.004%
36	5.219	5.204	5.241	VV	149	2373	0.04%	0.004%

					retention			
37	5.265	5.241	5.309	VV	136	3501	0.06%	0.005%
38	5.314	5.309	5.325	VV	102	643		
39	5.366	5.325	5.410	PV	276	7123		
40	5.426	5.410	5.444	VV	210	3408		
41	5.447	5.444	5.457	VV	210	1197		
42	5.470	5.457	5.501	VV	149	2944		
43	5.506	5.501	5.528	VV	113	998	0.02%	0.002%
44	5.546	5.528	5.585	VV	143	2327	0.04%	0.004%
45	5.614	5.585	5.653	VV	192	3799	0.07%	0.006%
46	5.663	5.653	5.701	VV	132	3123	0.05%	0.005%
47	5.709	5.701	5.714	VV	186	1062	0.02%	0.002%
48	5.737	5.714	5.858	VV	214	10882	0.19%	0.017%
49	5.928	5.858	6.056	VV	644	41179	0.72%	0.063%
50	6.064	6.056	6.157	VV	166	7590	0.13%	0.012%
51	6.193	6.157	6.269	VV	1822	47114	0.83%	0.072%
52	6.294	6.269	6.323	VV	341	8250	0.15%	0.013%
53	6.359	6.323	6.409	VV	316	10102	0.18%	0.015%
54	6.433	6.409	6.452	VV	199	3534	0.06%	0.005%
55	6.457	6.452	6.468	VV	148	1219	0.02%	0.002%
56	6.472	6.468	6.480	VV	150	926	0.02%	0.001%
57	6.499	6.480	6.518	VV	173	2863	0.05%	0.004%
58	6.541	6.518	6.550	VV	234	2836	0.05%	0.004%
59	6.564	6.550	6.573	VV	194	2031	0.04%	0.003%
60	6.599	6.573	6.627	VV	220	5344	0.09%	0.008%
61	6.646	6.627	6.710	VV	264	6729	0.12%	0.010%
62	6.722	6.710	6.750	VV	117	2006	0.04%	0.003%
63	6.764	6.750	6.777	VV	131	1510	0.03%	0.002%
64	6.799	6.777	6.821	VV	247	4105	0.07%	0.006%
65	6.830	6.821	6.858	VV	168	2831	0.05%	0.004%
66	6.865	6.858	6.888	VV	121	1670	0.03%	0.003%
67	6.905	6.888	6.915	VV	115	1124	0.02%	0.002%
68	6.926	6.915	6.961	PV	83	1842	0.03%	0.003%
69	6.992	6.961	7.021	VV	273	7808	0.14%	0.012%
70	7.062	7.021	7.087	VV	401	10590	0.19%	0.016%
71	7.098	7.087	7.105	VV	277	2609	0.05%	0.004%
72	7.110	7.105	7.121	VV	270	1994	0.04%	0.003%
73	7.124	7.121	7.208	VV	313	9873	0.17%	0.015%
74	7.224	7.208	7.235	VV	260	3642	0.06%	0.006%
75	7.242	7.235	7.249	VV	234	1916	0.03%	0.003%
76	7.292	7.249	7.353	VV	1591	45094	0.79%	0.068%
77	7.365	7.353	7.398	VV	512	10555	0.19%	0.016%
78	7.423	7.398	7.535	VV	3361	65588	1.15%	0.100%
79	7.597	7.535	7.694	VV	436	16156	0.28%	0.025%
80	7.705	7.694	7.754	VV	120	1586	0.03%	0.002%
81	7.771	7.754	7.801	PV	198	2159	0.04%	0.003%
82	7.819	7.801	7.843	PV	100	1389	0.02%	0.002%
83	8.026	8.011	8.158	VV	2573	112832	1.98%	0.171%
84	8.196	8.158	8.262	VV	1364	54963	0.97%	0.083%
85	8.306	8.262	8.369	VV	1758	60377	1.06%	0.092%
86	8.404	8.369	8.455	VV	5438	117234	2.06%	0.178%
87	8.478	8.455	8.538	VV	2469	66835	1.17%	0.101%
88	8.590	8.538	8.664	VV	12412	269730	4.74%	0.409%
89	8.681	8.664	8.761	VV	1713	32129	0.56%	0.049%

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90	8.886	8.868	9.008	VV	13458	304037	5.34%	0.462%
91	9.023	9.008	9.108	VV	1326	50451		
92	9.134	9.108	9.152	VV	1941	33883		
93	9.176	9.152	9.288	VV	3168	125446		
94	9.307	9.288	9.327	VV	2567	41097		
95	9.347	9.327	9.401	VV	2763	55261		
96	9.419	9.401	9.438	VV	645	12288	0.22%	0.019%
97	9.459	9.438	9.480	VV	3540	47337	0.83%	0.072%
98	9.497	9.480	9.524	VV	2004	31016	0.55%	0.047%
99	9.550	9.524	9.571	VV	1893	33751	0.59%	0.051%
100	9.596	9.571	9.624	VV	2278	43747	0.77%	0.066%
101	9.642	9.624	9.661	VV	1762	25575	0.45%	0.039%
102	9.686	9.661	9.737	VV	10202	199557	3.51%	0.303%
103	9.759	9.737	9.785	VV	2920	50001	0.88%	0.076%
104	9.831	9.785	9.871	VV	4662	111917	1.97%	0.170%
105	9.892	9.871	9.931	VV	2313	53194	0.94%	0.081%
106	9.966	9.931	10.073	VV	22538	490461	8.62%	0.745%
107	10.109	10.073	10.241	VV	3556	175301	3.08%	0.266%
108	10.265	10.241	10.338	VV	1076	26018	0.46%	0.039%
109	10.433	10.338	10.511	PV	2938	69821	1.23%	0.106%
110	10.570	10.511	10.592	VV	4715	113152	1.99%	0.172%
111	10.611	10.592	10.654	VV	3998	72017	1.27%	0.109%
112	10.686	10.654	10.723	VV	4437	87165	1.53%	0.132%
113	10.754	10.723	10.808	VV	7391	175584	3.09%	0.267%
114	10.895	10.808	10.944	VV	10086	292868	5.15%	0.445%
115	10.956	10.944	10.973	VV	1340	20290	0.36%	0.031%
116	10.992	10.973	11.044	VV	1863	47953	0.84%	0.073%
117	11.088	11.044	11.144	VV	201609	2488762	43.75%	3.778%
118	11.168	11.144	11.322	VV	35209	584490	10.27%	0.887%
119	11.398	11.322	11.471	PV	9368	205639	3.61%	0.312%
120	11.487	11.471	11.511	VV	2221	40449	0.71%	0.061%
121	11.540	11.511	11.559	VV	1790	33171	0.58%	0.050%
122	11.622	11.559	11.663	VV	14439	269724	4.74%	0.409%
123	11.692	11.663	11.711	VV	3507	57697	1.01%	0.088%
124	11.748	11.711	11.773	VV	6713	128331	2.26%	0.195%
125	11.793	11.773	11.818	VV	3603	57614	1.01%	0.087%
126	11.857	11.818	11.911	VV	470107	5688615	100.00%	8.635%
127	11.928	11.911	11.974	VV	40464	571844	10.05%	0.868%
128	12.008	11.974	12.027	VV	32735	496075	8.72%	0.753%
129	12.045	12.027	12.060	VV	29566	366559	6.44%	0.556%
130	12.076	12.060	12.124	VV	31533	426166	7.49%	0.647%
131	12.228	12.124	12.248	VV	2206	100606	1.77%	0.153%
132	12.272	12.248	12.348	VV	24779	489718	8.61%	0.743%
133	12.371	12.348	12.413	VV	17882	302219	5.31%	0.459%
134	12.432	12.413	12.481	VV	6190	117521	2.07%	0.178%
135	12.516	12.481	12.533	VV	3165	65390	1.15%	0.099%
136	12.578	12.533	12.604	VV	3898	122687	2.16%	0.186%
137	12.643	12.604	12.671	VV	6537	184795	3.25%	0.281%
138	12.691	12.671	12.731	VV	11132	219139	3.85%	0.333%
139	12.761	12.731	12.776	VV	14854	207524	3.65%	0.315%
140	12.798	12.776	12.888	VV	33847	852714	14.99%	1.294%
141	12.916	12.888	12.977	VV	296263	3605781	63.39%	5.474%

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142	13.014	12.977	13.029	VV	3529	75396	1.33%	0.114%
143	13.062	13.029	13.088	VV	8695	223810		
144	13.103	13.088	13.122	VV	14345	192846		
145	13.141	13.122	13.173	VV	11238	243913		
146	13.214	13.173	13.250	VV	254426	3140361	5.43%	0.468%
147	13.303	13.250	13.360	VV	344540	4502154	7.90%	0.682%
148	13.393	13.360	13.448	VV	14549	308619	5.05%	0.436%
149	13.494	13.448	13.526	VV	12328	287164	2.90%	0.250%
150	13.548	13.526	13.590	VV	8488	164953		
151	13.617	13.590	13.654	VV	7432	196577	3.46%	0.298%
152	13.677	13.654	13.740	VV	21712	449500	7.90%	0.682%
153	13.808	13.740	13.851	VV	42135	857354	15.07%	1.301%
154	13.872	13.851	13.890	VV	5305	93485	1.64%	0.142%
155	13.917	13.890	13.935	VV	19505	275168	4.84%	0.418%
156	13.956	13.935	14.018	VV	27850	514118	9.04%	0.780%
157	14.083	14.018	14.105	VV	28337	579237	10.18%	0.879%
158	14.125	14.105	14.174	VV	21298	351740	6.18%	0.534%
159	14.207	14.174	14.228	VV	2839	76667	1.35%	0.116%
160	14.275	14.228	14.358	VV	3461	146993	2.58%	0.223%
161	14.398	14.358	14.457	PV	2902	85419	1.50%	0.130%
162	14.514	14.457	14.531	VV	8353	225027	3.96%	0.342%
163	14.556	14.531	14.598	VV	21212	378403	6.65%	0.574%
164	14.648	14.598	14.696	VV	8219	287704	5.06%	0.437%
165	14.726	14.696	14.760	VV	27043	456268	8.02%	0.693%
166	14.786	14.760	14.818	VV	34070	579096	10.18%	0.879%
167	14.862	14.818	14.927	VV	18451	503768	8.86%	0.765%
168	14.976	14.927	15.038	VV	7489	237583	4.18%	0.361%
169	15.102	15.038	15.121	PV	91060	1417088	24.91%	2.151%
170	15.142	15.121	15.227	VV	112088	1688372	29.68%	2.563%
171	15.265	15.227	15.388	VV	18733	654971	11.51%	0.994%
172	15.416	15.388	15.434	VV	10430	186639	3.28%	0.283%
173	15.452	15.434	15.528	VV	9423	306124	5.38%	0.465%
174	15.561	15.528	15.630	VV	15860	516278	9.08%	0.784%
175	15.696	15.630	15.718	VV	9346	253448	4.46%	0.385%
176	15.778	15.718	15.847	VV	35663	900121	15.82%	1.366%
177	15.868	15.847	15.898	VV	6275	174426	3.07%	0.265%
178	15.940	15.898	15.988	VV	17906	542298	9.53%	0.823%
179	16.012	15.988	16.043	VV	6342	129537	2.28%	0.197%
180	16.060	16.043	16.080	VV	2905	46502	0.82%	0.071%
181	16.103	16.080	16.146	VV	5277	103480	1.82%	0.157%
182	16.183	16.146	16.264	VV	4239	174512	3.07%	0.265%
183	16.280	16.264	16.331	VV	1187	29838	0.52%	0.045%
184	16.378	16.331	16.399	PV	4499	86308	1.52%	0.131%
185	16.418	16.399	16.438	VV	5590	75208	1.32%	0.114%
186	16.468	16.438	16.504	VV	5583	162818	2.86%	0.247%
187	16.529	16.504	16.553	VV	5221	107367	1.89%	0.163%
188	16.581	16.553	16.604	VV	11052	203467	3.58%	0.309%
189	16.667	16.604	16.774	VV	110201	2443692	42.96%	3.710%
190	16.799	16.774	16.881	VV	17816	356941	6.27%	0.542%
191	16.989	16.881	17.020	VV	67170	1316528	23.14%	1.998%
192	17.048	17.020	17.118	VV	81744	1268890	22.31%	1.926%
193	17.151	17.118	17.238	VV	21867	582331	10.24%	0.884%
194	17.295	17.238	17.338	VV	10118	375093	6.59%	0.569%

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195	17.353	17.338	17.373	VV	4441	70352	1.24%	0.107%
196	17.415	17.373	17.490	VV	11411	472025		
197	17.577	17.490	17.618	VV	11812	492294		
198	17.642	17.618	17.685	VV	6179	179695		
199	17.711	17.685	17.794	VV	10958	317927		
200	17.828	17.794	17.880	VV	3041	103801		
201	17.897	17.880	17.948	VV	2052	49387	0.87%	0.075%
202	18.018	17.948	18.081	VV	5908	247148	4.34%	0.375%
203	18.139	18.081	18.168	VV	7338	221919	3.90%	0.337%
204	18.211	18.168	18.289	VV	6738	339645	5.97%	0.516%
205	18.335	18.289	18.386	VV	19216	448485	7.88%	0.681%
206	18.431	18.386	18.536	VV	54631	1392408	24.48%	2.114%
207	18.593	18.536	18.654	VV	12481	542820	9.54%	0.824%
208	18.683	18.654	18.744	VV	51788	914050	16.07%	1.388%
209	18.769	18.744	18.791	VV	5010	123188	2.17%	0.187%
210	18.823	18.791	18.897	VV	13797	403873	7.10%	0.613%
211	18.925	18.897	18.973	VV	4030	142092	2.50%	0.216%
212	19.005	18.973	19.028	VV	7104	164280	2.89%	0.249%
213	19.046	19.028	19.076	VV	6139	123809	2.18%	0.188%
214	19.122	19.076	19.146	VV	6506	175370	3.08%	0.266%
215	19.205	19.146	19.232	VV	8108	269039	4.73%	0.408%
216	19.260	19.232	19.318	VV	7676	274932	4.83%	0.417%
217	19.377	19.318	19.471	VV	9162	407662	7.17%	0.619%
218	19.505	19.471	19.521	VV	2427	66362	1.17%	0.101%
219	19.546	19.521	19.604	VV	2505	92426	1.62%	0.140%
220	19.657	19.604	19.684	VV	3050	117186	2.06%	0.178%
221	19.709	19.684	19.731	VV	4167	93727	1.65%	0.142%
222	19.762	19.731	19.794	VV	3726	125545	2.21%	0.191%
223	19.854	19.794	19.890	VV	16352	503950	8.86%	0.765%
224	19.923	19.890	19.958	VV	18848	491804	8.65%	0.747%
225	19.984	19.958	20.100	VV	10005	627249	11.03%	0.952%
226	20.141	20.100	20.191	VV	5574	249143	4.38%	0.378%
227	20.237	20.191	20.288	VV	17462	587059	10.32%	0.891%
228	20.323	20.288	20.354	VV	8563	326861	5.75%	0.496%
229	20.376	20.354	20.467	VV	8613	458867	8.07%	0.697%
230	20.503	20.467	20.571	VV	6108	348385	6.12%	0.529%
231	20.585	20.571	20.641	VV	5293	211169	3.71%	0.321%
232	20.746	20.641	20.811	VV	5796	533689	9.38%	0.810%
233	20.839	20.811	20.866	VV	4959	160131	2.81%	0.243%
234	20.906	20.866	20.974	VV	5363	312640	5.50%	0.475%
235	21.000	20.974	21.091	VV	4522	287700	5.06%	0.437%
236	21.113	21.091	21.217	VV	3934	261302	4.59%	0.397%
237	21.286	21.217	21.330	VV	3325	208263	3.66%	0.316%
238	21.360	21.330	21.431	VV	2969	158220	2.78%	0.240%
239	21.560	21.431	21.621	VV	2180	234066	4.11%	0.355%
240	21.700	21.621	21.888	VV	2251	233685	4.11%	0.355%
241	21.923	21.888	21.978	VV	435	19600	0.34%	0.030%
242	22.012	21.978	22.055	VV	345	8813	0.15%	0.013%
Sum of corrected areas:							65876333	

Instrument :

FID_E

ClientSampleId :

OR-636-03

1.24% 0.107%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/12/2025

Supervised By :mohammad ahmed 05/14/2025