

rteres

Instrument :

FID_E

ClientSampleId :

HACKENSACKDL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07112

Data File : FE054803.D

Signal(s) : FID1B.ch

Acq On : 11 Jul 2025 09:18

Sample : Q2539-01DL 10X

Misc :

ALS Vial : 11 Sample Multiplier: 1

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.851	2.805	2.902	BV	196	3892	0.11%	0.013%
2	2.923	2.902	2.941	VV	147	2440	0.07%	0.008%
3	2.958	2.941	2.998	PV	131	2810	0.08%	0.010%
4	3.037	2.998	3.075	VV	284	6612	0.19%	0.023%
5	3.092	3.075	3.103	VV	204	2487	0.07%	0.008%
6	3.158	3.103	3.178	VV	214	6403	0.18%	0.022%
7	3.201	3.178	3.220	VV	360	6037	0.17%	0.021%
8	3.230	3.220	3.251	VV	263	3009	0.08%	0.010%
9	3.258	3.251	3.271	VV	168	1475	0.04%	0.005%
10	3.290	3.271	3.301	VV	200	2815	0.08%	0.010%
11	3.311	3.301	3.341	VV	201	4014	0.11%	0.014%
12	3.351	3.341	3.374	VV	216	3103	0.09%	0.011%
13	3.417	3.374	3.435	VV	349	8654	0.24%	0.029%
14	3.442	3.435	3.462	VV	411	4424	0.12%	0.015%
15	3.475	3.462	3.525	VV	235	5954	0.17%	0.020%
16	3.535	3.525	3.542	VV	179	1347	0.04%	0.005%
17	3.573	3.542	3.641	VV	282	11869	0.33%	0.040%
18	3.662	3.641	3.691	VV	269	6183	0.17%	0.021%
19	3.711	3.691	3.721	VV	303	3890	0.11%	0.013%
20	3.744	3.721	3.791	VV	363	9292	0.26%	0.032%
21	3.808	3.791	3.853	VV	329	8716	0.25%	0.030%
22	3.891	3.853	3.927	VV	417	12865	0.36%	0.044%
23	3.955	3.927	3.989	VV	409	9092	0.26%	0.031%
24	4.007	3.989	4.042	VV	363	6434	0.18%	0.022%
25	4.065	4.042	4.091	VV	538	6886	0.19%	0.023%
26	4.124	4.091	4.148	VV	293	7031	0.20%	0.024%
27	4.157	4.148	4.181	VV	250	3530	0.10%	0.012%
28	4.205	4.181	4.231	VV	245	5699	0.16%	0.019%
29	4.245	4.231	4.264	VV	318	4678	0.13%	0.016%
30	4.287	4.264	4.311	VV	271	6652	0.19%	0.023%
31	4.326	4.311	4.348	VV	359	5291	0.15%	0.018%
32	4.376	4.348	4.386	VV	226	3706	0.10%	0.013%
33	4.418	4.386	4.434	VV	481	8816	0.25%	0.030%
34	4.451	4.434	4.483	VV	400	8122	0.23%	0.028%
35	4.497	4.483	4.541	VV	310	7017	0.20%	0.024%
36	4.575	4.541	4.604	VV	351	8726	0.25%	0.030%

					retention			
37	4.621	4.604	4.632	VV	285	3734	0.11%	0.013%
38	4.638	4.632	4.651	VV	250	2657		
39	4.678	4.651	4.702	VV	334	7783		
40	4.724	4.702	4.735	VV	260	3950		
41	4.752	4.735	4.783	VV	295	5507		
42	4.791	4.783	4.815	VV	206	2293		
43	4.854	4.815	4.875	VV	245	5331	0.15%	0.018%
44	4.900	4.875	4.917	VV	392	6825	0.19%	0.023%
45	4.929	4.917	4.946	VV	259	3585	0.10%	0.012%
46	4.965	4.946	4.978	VV	417	5571	0.16%	0.019%
47	4.990	4.978	5.025	VV	363	6230	0.18%	0.021%
48	5.045	5.025	5.059	VV	327	5196	0.15%	0.018%
49	5.089	5.059	5.105	VV	273	6542	0.18%	0.022%
50	5.128	5.105	5.159	VV	644	11162	0.31%	0.038%
51	5.200	5.159	5.248	VV	570	13192	0.37%	0.045%
52	5.256	5.248	5.295	VV	213	4452	0.13%	0.015%
53	5.301	5.295	5.315	VV	212	1868	0.05%	0.006%
54	5.366	5.315	5.382	PV	327	6808	0.19%	0.023%
55	5.392	5.382	5.420	VV	265	3496	0.10%	0.012%
56	5.441	5.420	5.454	VV	237	3411	0.10%	0.012%
57	5.471	5.454	5.483	VV	463	5421	0.15%	0.018%
58	5.500	5.483	5.545	VV	425	9602	0.27%	0.033%
59	5.604	5.545	5.613	VV	297	6884	0.19%	0.023%
60	5.625	5.613	5.651	VV	325	5144	0.15%	0.018%
61	5.669	5.651	5.681	VV	328	4681	0.13%	0.016%
62	5.698	5.681	5.716	VV	376	5429	0.15%	0.018%
63	5.730	5.716	5.801	VV	326	7955	0.22%	0.027%
64	5.841	5.801	5.868	VV	838	15893	0.45%	0.054%
65	5.889	5.868	5.930	VV	258	6495	0.18%	0.022%
66	5.949	5.930	5.983	VV	208	4958	0.14%	0.017%
67	6.011	5.983	6.046	VV	919	13884	0.39%	0.047%
68	6.063	6.046	6.079	VV	320	3803	0.11%	0.013%
69	6.094	6.079	6.105	VV	316	3447	0.10%	0.012%
70	6.121	6.105	6.184	VV	337	10095	0.28%	0.034%
71	6.192	6.184	6.225	VV	162	4443	0.13%	0.015%
72	6.245	6.225	6.277	VV	209	5286	0.15%	0.018%
73	6.303	6.277	6.328	PV	212	4347	0.12%	0.015%
74	6.357	6.328	6.378	VV	329	7515	0.21%	0.026%
75	6.398	6.378	6.418	VV	383	6079	0.17%	0.021%
76	6.450	6.418	6.481	VV	385	9438	0.27%	0.032%
77	6.503	6.481	6.521	VV	435	7115	0.20%	0.024%
78	6.541	6.521	6.569	VV	466	10053	0.28%	0.034%
79	6.589	6.569	6.641	VV	440	15354	0.43%	0.052%
80	6.653	6.641	6.675	VV	342	6357	0.18%	0.022%
81	6.685	6.675	6.710	VV	330	5782	0.16%	0.020%
82	6.729	6.710	6.748	VV	317	5606	0.16%	0.019%
83	6.780	6.748	6.835	VV	448	16262	0.46%	0.055%
84	6.853	6.835	6.915	VV	441	13049	0.37%	0.044%
85	6.939	6.915	6.981	VV	238	8561	0.24%	0.029%
86	7.008	6.981	7.031	VV	595	9895	0.28%	0.034%
87	7.053	7.031	7.090	VV	574	10051	0.28%	0.034%
88	7.136	7.090	7.161	VV	308	8515	0.24%	0.029%
89	7.191	7.161	7.234	VV	275	7962	0.22%	0.027%

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90	7.268	7.234	7.315	VV	541	12008	0.34%	0.041%
91	7.338	7.315	7.353	VV	297	4793		
92	7.395	7.353	7.415	VV	441	11572		
93	7.432	7.415	7.461	VV	499	8862		
94	7.503	7.461	7.557	VV	533	16462		
95	7.581	7.557	7.625	VV	716	14993		
96	7.640	7.625	7.661	VV	339	5091	0.14%	0.017%
97	7.686	7.661	7.731	VV	352	9865	0.28%	0.034%
98	7.801	7.731	7.834	VV	777	23204	0.65%	0.079%
99	7.853	7.834	7.875	VV	334	5786	0.16%	0.020%
100	7.896	7.875	7.921	VV	309	5490	0.15%	0.019%
101	7.987	7.921	8.023	VV	582	15530	0.44%	0.053%
102	8.037	8.023	8.061	VV	246	2917	0.08%	0.010%
103	8.250	8.170	8.281	VV	409	16835	0.47%	0.057%
104	8.292	8.281	8.321	VV	309	5110	0.14%	0.017%
105	8.333	8.321	8.354	VV	273	3569	0.10%	0.012%
106	8.429	8.354	8.476	VV	802	24815	0.70%	0.085%
107	8.509	8.476	8.548	VV	893	16713	0.47%	0.057%
108	8.691	8.548	8.754	VV	1959	77777	2.19%	0.265%
109	8.803	8.754	8.841	VV	548	20087	0.57%	0.068%
110	8.861	8.841	8.901	VV	1027	19532	0.55%	0.067%
111	8.920	8.901	8.954	VV	732	12299	0.35%	0.042%
112	9.105	9.048	9.128	VV	536	18448	0.52%	0.063%
113	9.161	9.128	9.185	VV	860	18202	0.51%	0.062%
114	9.231	9.185	9.295	VV	1365	32758	0.92%	0.112%
115	9.348	9.295	9.371	VV	645	19166	0.54%	0.065%
116	9.384	9.371	9.398	VV	601	7633	0.22%	0.026%
117	9.425	9.398	9.488	VV	1267	35205	0.99%	0.120%
118	9.521	9.488	9.548	VV	1744	27580	0.78%	0.094%
119	9.562	9.548	9.648	VV	770	21245	0.60%	0.072%
120	9.680	9.648	9.744	VV	584	18774	0.53%	0.064%
121	9.761	9.744	9.778	VV	347	5398	0.15%	0.018%
122	9.817	9.778	9.841	VV	741	13203	0.37%	0.045%
123	9.901	9.841	9.951	VV	933	28975	0.82%	0.099%
124	9.981	9.951	10.064	VV	971	32391	0.91%	0.110%
125	10.084	10.064	10.128	VV	652	15870	0.45%	0.054%
126	10.178	10.128	10.203	VV	2461	32549	0.92%	0.111%
127	10.264	10.203	10.285	VV	556	21875	0.62%	0.075%
128	10.307	10.285	10.376	VV	1875	36554	1.03%	0.125%
129	10.414	10.376	10.468	VV	248	8073	0.23%	0.027%
130	10.488	10.468	10.541	VV	381	6391	0.18%	0.022%
131	10.583	10.541	10.608	VV	149	3254	0.09%	0.011%
132	10.650	10.608	10.668	PV	426	6893	0.19%	0.023%
133	10.698	10.668	10.731	VV	1408	22228	0.63%	0.076%
134	10.784	10.731	10.815	VV	770	21583	0.61%	0.074%
135	10.836	10.815	10.876	VV	638	14570	0.41%	0.050%
136	10.965	10.876	11.012	VV	661	29424	0.83%	0.100%
137	11.048	11.012	11.088	VV	2526	40286	1.14%	0.137%
138	11.120	11.088	11.235	VV	2431	52050	1.47%	0.177%
139	11.313	11.235	11.348	VV	2421	38611	1.09%	0.132%
140	11.388	11.348	11.425	VV	1265	22582	0.64%	0.077%
141	11.444	11.425	11.481	VV	612	12238	0.35%	0.042%

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					rters			
142	11.504	11.481	11.543	VV	336	7856	0.22%	0.027%
143	11.560	11.543	11.582	VV	330	4676		
144	11.620	11.582	11.645	VV	428	8426		
145	11.754	11.645	11.821	PV	2951	58131		
146	11.845	11.821	11.888	VV	2205	32743		
147	11.910	11.888	11.938	VV	325	4887		
148	11.970	11.938	11.988	PV	398	7343	0.21%	0.025%
149	12.012	11.988	12.031	VV	292	5963	0.17%	0.020%
150	12.080	12.031	12.134	VV	35090	397257	11.20%	1.353%
151	12.152	12.134	12.178	VV	1273	17142	0.48%	0.058%
152	12.239	12.178	12.288	VV	1291	32720	0.92%	0.111%
153	12.304	12.288	12.345	VV	691	10044	0.28%	0.034%
154	12.366	12.345	12.381	VV	226	3057	0.09%	0.010%
155	12.426	12.381	12.451	VV	3084	47326	1.33%	0.161%
156	12.478	12.451	12.508	VV	1765	25419	0.72%	0.087%
157	12.525	12.508	12.570	VV	512	8638	0.24%	0.029%
158	12.589	12.570	12.611	VV	343	4139	0.12%	0.014%
159	12.673	12.611	12.753	PV	5755	97777	2.76%	0.333%
160	12.805	12.753	12.861	VV	905	32489	0.92%	0.111%
161	12.914	12.861	12.958	VV	602	21592	0.61%	0.074%
162	13.025	12.958	13.044	VV	1261	27435	0.77%	0.093%
163	13.069	13.044	13.118	VV	3594	56447	1.59%	0.192%
164	13.142	13.118	13.231	VV	6503	85268	2.41%	0.290%
165	13.331	13.231	13.351	VV	660	20468	0.58%	0.070%
166	13.390	13.351	13.411	VV	509	12581	0.35%	0.043%
167	13.442	13.411	13.485	PV	6308	92434	2.61%	0.315%
168	13.517	13.485	13.541	VV	25656	337209	9.51%	1.149%
169	13.558	13.541	13.608	VV	4750	71558	2.02%	0.244%
170	13.626	13.608	13.661	VV	591	12478	0.35%	0.042%
171	13.687	13.661	13.720	VV	2350	58151	1.64%	0.198%
172	13.750	13.720	13.844	VV	5457	128387	3.62%	0.437%
173	13.894	13.844	14.001	VV	1619	65820	1.86%	0.224%
174	14.032	14.001	14.058	VV	1581	23492	0.66%	0.080%
175	14.083	14.058	14.118	VV	582	14469	0.41%	0.049%
176	14.139	14.118	14.163	VV	988	14394	0.41%	0.049%
177	14.184	14.163	14.251	VV	698	22722	0.64%	0.077%
178	14.272	14.251	14.336	VV	2416	59662	1.68%	0.203%
179	14.356	14.336	14.411	VV	735	20168	0.57%	0.069%
180	14.421	14.411	14.448	VV	455	5416	0.15%	0.018%
181	14.499	14.448	14.545	PV	615	18294	0.52%	0.062%
182	14.564	14.545	14.618	VV	353	9279	0.26%	0.032%
183	14.701	14.618	14.721	VV	507	20077	0.57%	0.068%
184	14.834	14.721	14.858	VV	2446	67113	1.89%	0.229%
185	14.876	14.858	14.935	VV	2612	56044	1.58%	0.191%
186	14.954	14.935	14.990	VV	1057	20742	0.59%	0.071%
187	15.015	14.990	15.030	PV	903	12063	0.34%	0.041%
188	15.047	15.030	15.085	VV	960	15864	0.45%	0.054%
189	15.138	15.085	15.165	VV	471	13813	0.39%	0.047%
190	15.212	15.165	15.228	PV	271	6585	0.19%	0.022%
191	15.276	15.228	15.295	VV	729	10943	0.31%	0.037%
192	15.325	15.295	15.345	VV	3898	49408	1.39%	0.168%
193	15.370	15.345	15.405	VV	4113	64825	1.83%	0.221%
194	15.425	15.405	15.441	VV	318	7402	0.21%	0.025%

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195	15.486	15.441	15.506	VV	1246	29117	0.82%	0.099%
196	15.527	15.506	15.546	VV	701	14078		
197	15.570	15.546	15.608	VV	694	14678		
198	15.642	15.608	15.670	PV	622	14976		
199	15.768	15.670	15.831	VV	1556	53913		
200	15.848	15.831	15.865	VV	452	5629		
201	15.901	15.865	15.938	PV	2214	37904	1.07%	0.129%
202	16.002	15.938	16.022	VV	1552	31420	0.89%	0.107%
203	16.043	16.022	16.093	VV	742	16352	0.46%	0.056%
204	16.167	16.093	16.194	VV	1085	33298	0.94%	0.113%
205	16.239	16.194	16.259	VV	489	13671	0.39%	0.047%
206	16.403	16.259	16.425	VV	2417	76219	2.15%	0.260%
207	16.441	16.425	16.481	VV	1250	26576	0.75%	0.091%
208	16.609	16.481	16.661	PV	1514	57601	1.62%	0.196%
209	16.708	16.661	16.733	VV	1253	34091	0.96%	0.116%
210	16.807	16.733	16.832	VV	1002	38661	1.09%	0.132%
211	16.889	16.832	16.948	PV	6894	133672	3.77%	0.455%
212	17.025	16.948	17.045	VV	1793	51290	1.45%	0.175%
213	17.064	17.045	17.084	VV	1293	26355	0.74%	0.090%
214	17.112	17.084	17.139	VV	1844	35309	1.00%	0.120%
215	17.214	17.139	17.251	PV	2900	77089	2.17%	0.263%
216	17.270	17.251	17.297	VV	3419	44904	1.27%	0.153%
217	17.355	17.297	17.448	PV	3610	136791	3.86%	0.466%
218	17.622	17.448	17.651	VV	1757	97057	2.74%	0.331%
219	17.682	17.651	17.708	VV	1692	41666	1.18%	0.142%
220	17.723	17.708	17.741	VV	1120	20124	0.57%	0.069%
221	17.802	17.741	17.831	VV	5873	121530	3.43%	0.414%
222	17.857	17.831	17.873	VV	1606	25548	0.72%	0.087%
223	17.936	17.873	17.967	VV	2998	82116	2.32%	0.280%
224	17.993	17.967	18.011	VV	1892	26909	0.76%	0.092%
225	18.173	18.011	18.190	PV	1737	55428	1.56%	0.189%
226	18.245	18.190	18.285	VV	6761	149359	4.21%	0.509%
227	18.411	18.285	18.477	VV	5885	208889	5.89%	0.711%
228	18.668	18.477	18.705	VV	6220	239126	6.74%	0.814%
229	18.779	18.705	18.846	PV	6477	161010	4.54%	0.548%
230	18.899	18.846	18.928	VV	3695	68389	1.93%	0.233%
231	18.944	18.928	18.968	VV	1015	25821	0.73%	0.088%
232	19.080	18.968	19.124	VV	8197	202922	5.72%	0.691%
233	19.152	19.124	19.166	VV	1898	27593	0.78%	0.094%
234	19.204	19.166	19.225	VV	5744	106706	3.01%	0.363%
235	19.252	19.225	19.303	VV	5020	136945	3.86%	0.466%
236	19.374	19.303	19.391	VV	3519	145826	4.11%	0.497%
237	19.477	19.391	19.515	VV	10418	339250	9.57%	1.155%
238	19.537	19.515	19.565	VV	5403	130858	3.69%	0.446%
239	19.603	19.565	19.634	VV	6144	203084	5.73%	0.692%
240	19.676	19.634	19.691	VV	5174	163215	4.60%	0.556%
241	19.864	19.691	19.895	VV	12543	784823	22.14%	2.673%
242	19.914	19.895	19.935	VV	9608	192538	5.43%	0.656%
243	20.003	19.935	20.035	VV	9131	489380	13.80%	1.667%
244	20.154	20.035	20.185	VV	11324	946214	26.69%	3.223%
245	20.240	20.185	20.275	VV	19141	761399	21.48%	2.593%
246	20.315	20.275	20.358	VV	15635	713585	20.13%	2.430%

Instrument :

FID_E

ClientSampleId :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

					rters			
247	20.431	20.358	20.461	VV	17766	990683	27.94%	3.374%
248	20.535	20.461	20.555	VV	21017	1062050	29.17%	3.374%
249	20.607	20.555	20.631	VV	25691	993447	28.17%	3.374%
250	20.699	20.631	20.751	VV	24513	1636787	40.66%	3.374%
251	20.793	20.751	20.818	VV	24996	965360	27.94%	3.374%
252	20.836	20.818	20.865	VV	25647	683518	19.17%	3.374%
253	20.885	20.865	20.947	VV	24426	1140615	32.17%	3.885%
254	20.976	20.947	21.011	VV	25977	877039	24.74%	2.987%
255	21.111	21.011	21.294	VV	23593	3545362	100.00%	12.076%
256	21.384	21.294	21.440	VV	21042	1556458	43.90%	5.301%
257	21.460	21.440	21.505	VV	15187	565094	15.94%	1.925%
258	21.596	21.505	21.625	VV	14204	997385	28.13%	3.397%
259	21.637	21.625	21.671	VV	12801	342441	9.66%	1.166%
260	21.681	21.671	21.708	VV	12132	253099	7.14%	0.862%
261	21.735	21.708	21.768	VV	11256	390303	11.01%	1.329%
262	21.852	21.768	21.938	VV	11666	936197	26.41%	3.189%
263	21.984	21.938	22.034	VV	7547	380292	10.73%	1.295%
264	22.053	22.034	22.080	VV	6070	157387	4.44%	0.536%
265	22.098	22.080	22.188	VV	5282	233228	6.58%	0.794%
266	22.205	22.188	22.276	VV	2189	71129	2.01%	0.242%
Sum of corrected areas:						29359660		

Instrument :

FID_E

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

Aliphatic EPH 062725.M Sat Jul 12 03:27:47 2025