

Instrument :

FID_E

ClientSampleId :

ETGI-352MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045112.D

Signal(s) : FID1B.ch

Acq On : 31 Oct 2023 19:19

Sample : 05164-01MS

Misc :

ALS Vial : 20 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

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	3.233	3.184	3.254	BV	10093	105001	0.39%	0.018%
2	3.287	3.254	3.401	VV	642357	6462875	24.13%	1.097%
3	3.422	3.401	3.441	VV	876	14430	0.05%	0.002%
4	3.468	3.441	3.521	VV	1592	29213	0.11%	0.005%
5	3.527	3.521	3.544	VV	408	3937	0.01%	0.001%
6	3.565	3.544	3.581	VV	340	5153	0.02%	0.001%
7	3.625	3.581	3.670	VV	5012	72497	0.27%	0.012%
8	3.708	3.670	3.726	VV	2376	44439	0.17%	0.008%
9	3.755	3.726	3.831	VV	25784	266409	0.99%	0.045%
10	3.870	3.831	3.911	PV	21613	208932	0.78%	0.035%
11	3.927	3.911	3.939	VV	313	4442	0.02%	0.001%
12	3.958	3.939	4.004	VV	1700	27671	0.10%	0.005%
13	4.022	4.004	4.041	VV	1932	20018	0.07%	0.003%
14	4.059	4.041	4.101	VV	1352	25535	0.10%	0.004%
15	4.123	4.101	4.204	VV	1525	26829	0.10%	0.005%
16	4.255	4.204	4.287	PV	3625	82063	0.31%	0.014%
17	4.297	4.287	4.361	VV	661	14870	0.06%	0.003%
18	4.394	4.361	4.404	VV	275	5309	0.02%	0.001%
19	4.423	4.404	4.462	VV	670	11023	0.04%	0.002%
20	4.473	4.462	4.488	VV	203	2869	0.01%	0.000%
21	4.538	4.488	4.554	VV	747861	7271316	27.14%	1.234%
22	4.572	4.554	4.675	VV	730082	7485357	27.94%	1.271%
23	4.696	4.675	4.731	VV	1077	22947	0.09%	0.004%
24	4.751	4.731	4.793	VV	821	16710	0.06%	0.003%
25	4.814	4.793	4.880	VV	699	18059	0.07%	0.003%
26	4.910	4.880	4.932	VV	387	8532	0.03%	0.001%
27	4.951	4.932	4.968	VV	304	5520	0.02%	0.001%
28	5.010	4.968	5.058	VV	642	21455	0.08%	0.004%
29	5.107	5.058	5.154	VV	1267	26173	0.10%	0.004%
30	5.190	5.154	5.217	VV	1489	20205	0.08%	0.003%
31	5.235	5.217	5.274	VV	569	9225	0.03%	0.002%

32	5.298	5.274	5.336	PV	645	11382	0.04%	0.002%
33	5.374	5.336	5.394	VV	687	901		
34	5.437	5.394	5.456	VV	1118	1489		
35	5.473	5.456	5.490	VV	797	856		
36	5.525	5.490	5.588	VV	800	1376		
37	5.669	5.588	5.721	PV	1573	26449	0.10%	0.004%
38	5.737	5.721	5.755	VV	1817	18409	0.07%	0.003%
39	5.772	5.755	5.811	VV	831	12824	0.05%	0.002%
40	5.820	5.811	5.838	VV	170	2310	0.01%	0.000%
41	5.861	5.838	5.891	VV	342	7126	0.03%	0.001%
42	5.915	5.891	6.011	VV	4448	52867	0.20%	0.009%
43	6.028	6.011	6.044	VV	153	1794	0.01%	0.000%
44	6.061	6.044	6.072	VV	145	1816	0.01%	0.000%
45	6.086	6.072	6.161	VV	191	5998	0.02%	0.001%
46	6.238	6.161	6.398	VV	824181	8185606	30.56%	1.390%
47	6.408	6.398	6.474	VV	981	30568	0.11%	0.005%
48	6.489	6.474	6.517	VV	565	13170	0.05%	0.002%
49	6.537	6.517	6.652	VV	913	34475	0.13%	0.006%
50	6.702	6.652	6.771	VV	786234	7903862	29.51%	1.342%
51	6.790	6.771	6.834	VV	698	22384	0.08%	0.004%
52	6.855	6.834	6.916	VV	879	20778	0.08%	0.004%
53	6.930	6.916	6.940	VV	257	2458	0.01%	0.000%
54	6.988	6.940	7.001	VV	285	7690	0.03%	0.001%
55	7.022	7.001	7.049	VV	346	6602	0.02%	0.001%
56	7.088	7.049	7.103	VV	984	13363	0.05%	0.002%
57	7.121	7.103	7.138	VV	777	12447	0.05%	0.002%
58	7.144	7.138	7.164	VV	609	6947	0.03%	0.001%
59	7.184	7.164	7.207	VV	3554	43860	0.16%	0.007%
60	7.235	7.207	7.294	VV	11075	138819	0.52%	0.024%
61	7.334	7.294	7.411	VV	798609	8190114	30.57%	1.390%
62	7.428	7.411	7.454	VV	2796	53483	0.20%	0.009%
63	7.468	7.454	7.497	VV	1936	34263	0.13%	0.006%
64	7.532	7.497	7.586	VV	2565	72518	0.27%	0.012%
65	7.608	7.586	7.625	VV	1475	21449	0.08%	0.004%
66	7.648	7.625	7.690	VV	2426	51519	0.19%	0.009%
67	7.704	7.690	7.796	VV	699	24882	0.09%	0.004%
68	7.818	7.796	7.845	VV	785	11086	0.04%	0.002%
69	7.861	7.845	7.907	VV	2966	12469	0.05%	0.002%
70	7.959	7.907	8.041	VV	677903	6795936	25.37%	1.154%
71	8.067	8.041	8.161	VV	1709	78246	0.29%	0.013%
72	8.178	8.161	8.194	VV	593	9273	0.03%	0.002%
73	8.219	8.194	8.245	VV	1422	21413	0.08%	0.004%
74	8.275	8.245	8.330	VV	1467	27635	0.10%	0.005%
75	8.355	8.330	8.370	VV	413	8122	0.03%	0.001%
76	8.379	8.370	8.393	VV	410	4904	0.02%	0.001%
77	8.416	8.393	8.467	VV	875	29778	0.11%	0.005%
78	8.531	8.467	8.598	VV	780013	8390963	31.32%	1.424%
79	8.636	8.598	8.745	VV	789915	8300357	30.99%	1.409%

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80	8.757	8.745	8.792	VV	860	17431	0.07%	0.003%
81	8.835	8.792	8.904	VV	415929	443918		
82	8.936	8.904	9.044	VV	851000	865575		
83	9.064	9.044	9.112	VV	991	2992		
84	9.129	9.112	9.142	VV	658	1056		
85	9.151	9.142	9.185	VV	567	14036	0.05%	0.002%
86	9.208	9.185	9.237	VV	2335	34815	0.13%	0.006%
87	9.265	9.237	9.325	VV	1101	29804	0.11%	0.005%
88	9.356	9.325	9.381	VV	2219	33706	0.13%	0.006%
89	9.407	9.381	9.484	VV	728	16534	0.06%	0.003%
90	9.500	9.484	9.520	PV	230	3310	0.01%	0.001%
91	9.535	9.520	9.573	VV	369	6292	0.02%	0.001%
92	9.585	9.573	9.631	VV	198	3894	0.01%	0.001%
93	9.645	9.631	9.660	VV	169	2214	0.01%	0.000%
94	9.682	9.660	9.694	VV	1821	19615	0.07%	0.003%
95	9.727	9.694	9.850	VV	786117	8592519	32.08%	1.459%
96	9.872	9.850	9.894	VV	1070	22119	0.08%	0.004%
97	9.938	9.894	9.988	VV	4670	81172	0.30%	0.014%
98	10.001	9.988	10.020	VV	418	7442	0.03%	0.001%
99	10.051	10.020	10.101	VV	1019	29725	0.11%	0.005%
100	10.141	10.101	10.295	VV	783153	8880743	33.15%	1.508%
101	10.313	10.295	10.334	VV	269	4216	0.02%	0.001%
102	10.363	10.334	10.390	VV	983	12787	0.05%	0.002%
103	10.413	10.390	10.454	PV	631	9501	0.04%	0.002%
104	10.475	10.454	10.511	VV	214	4420	0.02%	0.001%
105	10.526	10.511	10.551	VV	484	7141	0.03%	0.001%
106	10.578	10.551	10.594	VV	546	9788	0.04%	0.002%
107	10.609	10.594	10.637	VV	595	10540	0.04%	0.002%
108	10.651	10.637	10.690	VV	456	7230	0.03%	0.001%
109	10.698	10.690	10.707	VV	183	1249	0.00%	0.000%
110	10.727	10.707	10.754	VV	478	7603	0.03%	0.001%
111	10.782	10.754	10.820	VV	1386	27247	0.10%	0.005%
112	10.837	10.820	10.849	VV	786	10445	0.04%	0.002%
113	10.877	10.849	10.894	VV	1474	27112	0.10%	0.005%
114	10.923	10.894	10.996	VV	11027	198087	0.74%	0.034%
115	11.010	10.996	11.020	VV	264	3420	0.01%	0.001%
116	11.029	11.020	11.048	VV	281	2991	0.01%	0.001%
117	11.137	11.048	11.181	PV	772986	8625029	32.20%	1.464%
118	11.213	11.181	11.276	VV	743033	8305131	31.00%	1.410%
119	11.283	11.276	11.362	VV	4142	107046	0.40%	0.018%
120	11.386	11.362	11.409	VV	5128	70525	0.26%	0.012%
121	11.429	11.409	11.488	VV	3704	68097	0.25%	0.012%
122	11.515	11.488	11.537	VV	1216	21829	0.08%	0.004%
123	11.588	11.537	11.636	VV	777823	9045009	33.77%	1.535%
124	11.655	11.636	11.705	VV	2186	51925	0.19%	0.009%
125	11.738	11.705	11.758	VV	799	12736	0.05%	0.002%
126	11.776	11.758	11.803	VV	820	11615	0.04%	0.002%

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127	11.829	11.803	11.864	VV	2390	35618	0.13%	0.006%
128	11.901	11.864	11.953	VV	503425	561513		
129	11.970	11.953	12.017	VV	2973	5346		
130	12.052	12.017	12.071	VV	3701	5845		
131	12.087	12.071	12.100	VV	2506	3132		
132	12.115	12.100	12.168	VV	2671	38416	0.14%	0.007%
133	12.189	12.168	12.221	VV	1255	16616	0.06%	0.003%
134	12.260	12.221	12.280	PV	1332	22977	0.09%	0.004%
135	12.304	12.280	12.332	VV	5907	86938	0.32%	0.015%
136	12.350	12.332	12.388	VV	1400	28956	0.11%	0.005%
137	12.411	12.388	12.452	VV	4149	57090	0.21%	0.010%
138	12.503	12.452	12.568	VV	35905	420496	1.57%	0.071%
139	12.591	12.568	12.649	VV	1944	43268	0.16%	0.007%
140	12.684	12.649	12.698	VV	617	12097	0.05%	0.002%
141	12.726	12.698	12.768	VV	3976	69065	0.26%	0.012%
142	12.792	12.768	12.818	PV	2260	29822	0.11%	0.005%
143	12.840	12.818	12.860	VV	1979	25660	0.10%	0.004%
144	12.901	12.860	12.929	VV	749277	8935855	33.36%	1.517%
145	12.963	12.929	13.073	VV	747832	8919316	33.30%	1.514%
146	13.093	13.073	13.105	VV	880	11185	0.04%	0.002%
147	13.142	13.105	13.164	VV	8043	108326	0.40%	0.018%
148	13.173	13.164	13.214	VV	1308	18353	0.07%	0.003%
149	13.263	13.214	13.293	PV	741078	8742451	32.64%	1.484%
150	13.343	13.293	13.408	VV	341988	4436640	16.56%	0.753%
151	13.437	13.408	13.475	VV	3375	76004	0.28%	0.013%
152	13.514	13.475	13.561	VV	670569	8559441	31.95%	1.453%
153	13.573	13.561	13.590	VV	1546	22847	0.09%	0.004%
154	13.603	13.590	13.624	VV	1296	20463	0.08%	0.003%
155	13.655	13.624	13.687	VV	1380	28105	0.10%	0.005%
156	13.737	13.687	13.801	VV	5037	106514	0.40%	0.018%
157	13.847	13.801	13.879	VV	6092	110621	0.41%	0.019%
158	13.953	13.879	13.976	VV	5686	116576	0.44%	0.020%
159	13.994	13.976	14.016	VV	2885	42995	0.16%	0.007%
160	14.039	14.016	14.061	VV	2275	43794	0.16%	0.007%
161	14.102	14.061	14.148	VV	658337	8454521	31.56%	1.435%
162	14.166	14.148	14.211	VV	2287	45835	0.17%	0.008%
163	14.268	14.211	14.302	VV	1065	39157	0.15%	0.007%
164	14.327	14.302	14.344	VV	638	12918	0.05%	0.002%
165	14.354	14.344	14.401	VV	541	9000	0.03%	0.002%
166	14.435	14.401	14.444	PV	354	4947	0.02%	0.001%
167	14.535	14.444	14.567	VV	13148	214718	0.80%	0.036%
168	14.588	14.567	14.637	VV	4157	70148	0.26%	0.012%
169	14.664	14.637	14.708	VV	3061	55772	0.21%	0.009%
170	14.722	14.708	14.736	VV	1409	16436	0.06%	0.003%
171	14.762	14.736	14.798	VV	5865	92760	0.35%	0.016%
172	14.825	14.798	14.852	VV	6514	96371	0.36%	0.016%
173	14.890	14.852	14.930	VV	5009	91309	0.34%	0.016%
174	14.950	14.930	14.964	PV	489	5422	0.02%	0.001%

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175	15.037	14.964	15.074	VV	5674	92908	0.35%	0.016%
176	15.095	15.074	15.103	PV	794	819		
177	15.149	15.103	15.169	VV	555800	831074		
178	15.198	15.169	15.281	VV	981381	1675215		
179	15.304	15.281	15.354	VV	6536	14366		
180	15.389	15.354	15.420	VV	1621	47361	0.18%	0.008%
181	15.448	15.420	15.465	PV	2034	30710	0.11%	0.005%
182	15.482	15.465	15.539	VV	1742	43926	0.16%	0.007%
183	15.596	15.539	15.661	VV	17112	404180	1.51%	0.069%
184	15.680	15.661	15.693	VV	821	12808	0.05%	0.002%
185	15.729	15.693	15.760	VV	7696	149218	0.56%	0.025%
186	15.794	15.760	15.838	VV	9321	214923	0.80%	0.036%
187	15.854	15.838	15.880	VV	1928	24601	0.09%	0.004%
188	15.901	15.880	15.931	VV	453	5633	0.02%	0.001%
189	15.979	15.931	16.014	PV	2724	74501	0.28%	0.013%
190	16.054	16.014	16.078	PV	1982	26157	0.10%	0.004%
191	16.137	16.078	16.159	PV	1692	28759	0.11%	0.005%
192	16.234	16.159	16.272	VV	580346	8115652	30.30%	1.378%
193	16.294	16.272	16.328	VV	2063	30750	0.11%	0.005%
194	16.355	16.328	16.378	VV	519	10452	0.04%	0.002%
195	16.417	16.378	16.467	VV	2175	66561	0.25%	0.011%
196	16.525	16.467	16.545	VV	4679	115160	0.43%	0.020%
197	16.562	16.545	16.584	VV	2834	55273	0.21%	0.009%
198	16.620	16.584	16.642	VV	8527	189699	0.71%	0.032%
199	16.652	16.642	16.663	VV	5771	72362	0.27%	0.012%
200	16.720	16.663	16.734	VV	496787	9823704	36.67%	1.668%
201	16.752	16.734	16.774	VV	666130	8658558	32.32%	1.470%
202	16.790	16.774	16.820	VV	27041	468760	1.75%	0.080%
203	16.841	16.820	16.861	VV	10127	197684	0.74%	0.034%
204	16.876	16.861	16.891	VV	6619	109494	0.41%	0.019%
205	16.907	16.891	16.937	VV	6420	153651	0.57%	0.026%
206	17.031	16.937	17.055	VV	25275	695412	2.60%	0.118%
207	17.100	17.055	17.140	VV	609962	8915841	33.28%	1.514%
208	17.183	17.140	17.218	VV	573811	8645916	32.28%	1.468%
209	17.256	17.218	17.285	VV	24658	647001	2.42%	0.110%
210	17.332	17.285	17.406	VV	10585	689909	2.58%	0.117%
211	17.449	17.406	17.526	VV	9919	611443	2.28%	0.104%
212	17.561	17.526	17.603	VV	21627	676980	2.53%	0.115%
213	17.630	17.603	17.659	VV	19838	465645	1.74%	0.079%
214	17.712	17.659	17.728	VV	11925	418052	1.56%	0.071%
215	17.746	17.728	17.761	VV	12694	244623	0.91%	0.042%
216	17.963	17.761	18.001	VV	25291	2587347	9.66%	0.439%
217	18.076	18.001	18.114	VV	589773	9421003	35.17%	1.599%
218	18.162	18.114	18.193	VV	27181	970795	3.62%	0.165%
219	18.212	18.193	18.228	VV	19257	380580	1.42%	0.065%
220	18.245	18.228	18.270	VV	18358	452011	1.69%	0.077%
221	18.396	18.270	18.416	VV	31408	2043143	7.63%	0.347%

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222	18.479	18.416	18.496	VV	438989	10042964	37.49%	1.705%
223	18.517	18.496	18.624	VV	553688	1185533		
224	18.639	18.624	18.672	VV	41853	118379		
225	18.744	18.672	18.830	VV	538040	1189115		
226	18.909	18.830	18.948	VV	578404	1126947		
227	19.007	18.948	19.034	VV	56739	2546984	9.51%	0.432%
228	19.065	19.034	19.076	VV	51803	1260112	4.70%	0.214%
229	19.186	19.076	19.204	VV	59248	4287923	16.01%	0.728%
230	19.302	19.204	19.346	VV	80651	5871452	21.92%	0.997%
231	19.383	19.346	19.401	VV	70775	2252047	8.41%	0.382%
232	19.427	19.401	19.448	VV	70754	1956483	7.30%	0.332%
233	19.455	19.448	19.483	VV	70686	1459893	5.45%	0.248%
234	19.509	19.483	19.539	VV	69769	2250177	8.40%	0.382%
235	19.601	19.539	19.617	VV	75077	3359379	12.54%	0.570%
236	19.697	19.617	19.731	VV	634236	13970979	52.15%	2.372%
237	19.746	19.731	19.773	VV	100593	2418266	9.03%	0.411%
238	19.796	19.773	19.829	VV	100931	3189470	11.91%	0.541%
239	19.882	19.829	19.921	VV	95838	5158646	19.26%	0.876%
240	19.953	19.921	19.960	VV	97244	2210196	8.25%	0.375%
241	19.975	19.960	19.998	VV	98461	2204589	8.23%	0.374%
242	20.112	19.998	20.121	VV	116946	7973229	29.76%	1.354%
243	20.168	20.121	20.178	VV	121551	4111322	15.35%	0.698%
244	20.185	20.178	20.218	VV	121154	2825660	10.55%	0.480%
245	20.237	20.218	20.249	VV	117819	2131294	7.96%	0.362%
246	20.256	20.249	20.271	VV	116077	1557760	5.82%	0.264%
247	20.372	20.271	20.382	VV	138445	8307554	31.01%	1.410%
248	20.438	20.382	20.480	VV	655973	16535791	61.73%	2.807%
249	20.511	20.480	20.520	VV	153615	3644762	13.61%	0.619%
250	20.533	20.520	20.568	VV	155581	4333735	16.18%	0.736%
251	20.578	20.568	20.628	VV	148635	5059050	18.89%	0.859%
252	20.637	20.628	20.649	VV	136300	1724977	6.44%	0.293%
253	20.738	20.649	20.776	VV	175733	12297102	45.91%	2.088%
254	20.783	20.776	20.851	VV	167791	7128934	26.61%	1.210%
255	20.928	20.851	20.948	VV	166208	9386071	35.04%	1.593%
256	20.965	20.948	20.994	VV	162603	4415795	16.48%	0.750%
257	21.022	20.994	21.032	VV	157884	3552128	13.26%	0.603%
258	21.086	21.032	21.133	VV	172520	10041995	37.49%	1.705%
259	21.181	21.133	21.233	VV	570326	17266718	64.46%	2.931%
260	21.289	21.233	21.391	VV	163488	14546645	54.30%	2.469%
261	21.441	21.391	21.458	VV	143969	5677875	21.20%	0.964%
262	21.474	21.458	21.501	VV	142583	3617044	13.50%	0.614%
263	21.606	21.501	21.744	VV	160765	21195609	79.12%	3.598%
264	21.853	21.744	21.951	VV	152485	17150672	64.02%	2.911%
265	22.103	21.951	22.171	VV	454715	26787961	100.00%	4.548%

Sum of corrected areas: 589068191

Instrument :

FID_E

ClientSampleId :

ETGI-352MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023