

Instrument :

FID_E

ClientSampleId :

SU-03-112823-EPH2MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045580.D

Signal(s) : FID1B.ch

Acq On : 29 Nov 2023 18:20

Sample : 05562-02MSD

Misc :

ALS Vial : 23 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :Ankita Jodhani 11/30/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.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	3.206	3.184	3.224	PV	3147	30228	0.18%	0.008%
2	3.257	3.224	3.378	PV	556326	5538317	33.79%	1.508%
3	3.396	3.378	3.416	VV	780	9770	0.06%	0.003%
4	3.441	3.416	3.518	VV	2193	31190	0.19%	0.008%
5	3.535	3.518	3.554	PV	205	2173	0.01%	0.001%
6	3.568	3.554	3.578	VV	323	2660	0.02%	0.001%
7	3.607	3.578	3.656	VV	4195	59637	0.36%	0.016%
8	3.675	3.656	3.704	VV	2606	35879	0.22%	0.010%
9	3.727	3.704	3.821	VV	40812	408029	2.49%	0.111%
10	3.842	3.821	3.890	VV	36694	358636	2.19%	0.098%
11	3.929	3.890	3.991	VV	6558	82780	0.51%	0.023%
12	4.039	3.991	4.072	VV	1346	30573	0.19%	0.008%
13	4.091	4.072	4.144	VV	866	16501	0.10%	0.004%
14	4.153	4.144	4.177	VV	210	2452	0.01%	0.001%
15	4.229	4.177	4.258	PV	3317	66830	0.41%	0.018%
16	4.269	4.258	4.348	VV	1015	23300	0.14%	0.006%
17	4.369	4.348	4.380	VV	203	2252	0.01%	0.001%
18	4.398	4.380	4.421	VV	776	8486	0.05%	0.002%
19	4.428	4.421	4.474	VV	144	2900	0.02%	0.001%
20	4.507	4.474	4.523	VV	638017	6270323	38.26%	1.708%
21	4.540	4.523	4.642	VV	663740	6748862	41.18%	1.838%
22	4.667	4.642	4.689	VV	1366	31217	0.19%	0.009%
23	4.696	4.689	4.707	VV	644	6568	0.04%	0.002%
24	4.722	4.707	4.768	VV	1048	19828	0.12%	0.005%
25	4.786	4.768	4.831	VV	865	14591	0.09%	0.004%
26	4.838	4.831	4.856	VV	231	2958	0.02%	0.001%
27	4.921	4.856	4.944	VV	333	13457	0.08%	0.004%
28	4.959	4.944	4.984	VV	341	6150	0.04%	0.002%
29	5.007	4.984	5.054	VV	500	11363	0.07%	0.003%
30	5.062	5.054	5.067	VV	137	936	0.01%	0.000%
31	5.080	5.067	5.111	VV	248	3808	0.02%	0.001%

32	5.118	5.111	5.138	VV	177	1997	0.01%	0.001%
33	5.161	5.138	5.190	VV	1182	1441		
34	5.207	5.190	5.243	VV	401	705		
35	5.287	5.243	5.304	VV	487	923		
36	5.344	5.304	5.369	VV	611	916		
37	5.381	5.369	5.390	VV	168	1461	0.01%	0.000%
38	5.411	5.390	5.431	VV	947	12144	0.07%	0.003%
39	5.447	5.431	5.477	VV	814	12138	0.07%	0.003%
40	5.495	5.477	5.554	VV	759	13126	0.08%	0.004%
41	5.579	5.554	5.596	PV	111	1914	0.01%	0.001%
42	5.643	5.596	5.681	VV	959	18464	0.11%	0.005%
43	5.701	5.681	5.728	VV	379	6179	0.04%	0.002%
44	5.745	5.728	5.796	VV	416	7099	0.04%	0.002%
45	5.822	5.796	5.856	VV	466	7725	0.05%	0.002%
46	5.884	5.856	5.918	VV	3769	43031	0.26%	0.012%
47	5.932	5.918	5.998	VV	251	7051	0.04%	0.002%
48	6.028	5.998	6.039	PV	327	3546	0.02%	0.001%
49	6.057	6.039	6.099	VV	211	4509	0.03%	0.001%
50	6.112	6.099	6.131	VV	210	2033	0.01%	0.001%
51	6.204	6.131	6.344	VV	719238	7453439	45.48%	2.030%
52	6.352	6.344	6.364	VV	1195	13367	0.08%	0.004%
53	6.386	6.364	6.421	VV	1382	36563	0.22%	0.010%
54	6.441	6.421	6.470	VV	699	17931	0.11%	0.005%
55	6.488	6.470	6.497	VV	707	10041	0.06%	0.003%
56	6.510	6.497	6.538	VV	791	13393	0.08%	0.004%
57	6.556	6.538	6.569	VV	546	8534	0.05%	0.002%
58	6.588	6.569	6.614	VV	629	12064	0.07%	0.003%
59	6.671	6.614	6.804	VV	675713	7057850	43.06%	1.922%
60	6.824	6.804	6.848	VV	1071	20517	0.13%	0.006%
61	6.860	6.848	6.884	VV	459	8752	0.05%	0.002%
62	6.893	6.884	6.906	VV	353	4030	0.02%	0.001%
63	6.927	6.906	6.964	VV	582	13908	0.08%	0.004%
64	6.998	6.964	7.044	VV	389	10366	0.06%	0.003%
65	7.069	7.044	7.129	VV	1235	27017	0.16%	0.007%
66	7.159	7.129	7.180	VV	2125	33757	0.21%	0.009%
67	7.203	7.180	7.260	VV	8846	115761	0.71%	0.032%
68	7.300	7.260	7.423	VV	705111	7562340	46.14%	2.060%
69	7.437	7.423	7.468	VV	2282	44086	0.27%	0.012%
70	7.501	7.468	7.560	VV	2413	77161	0.47%	0.021%
71	7.586	7.560	7.600	VV	1739	31748	0.19%	0.009%
72	7.616	7.600	7.639	VV	2570	36074	0.22%	0.010%
73	7.671	7.639	7.724	VV	756	30057	0.18%	0.008%
74	7.739	7.724	7.761	VV	484	6652	0.04%	0.002%
75	7.787	7.761	7.821	VV	1342	24450	0.15%	0.007%
76	7.840	7.821	7.866	VV	438	6852	0.04%	0.002%
77	7.927	7.866	8.018	PV	673946	6996805	42.69%	1.905%
78	8.041	8.018	8.074	VV	2321	61099	0.37%	0.017%
79	8.083	8.074	8.112	VV	1354	25787	0.16%	0.007%

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80	8.122	8.112	8.158	VV	854	19937	0.12%	0.005%
81	8.188	8.158	8.206	VV	1469	2414		
82	8.222	8.206	8.231	VV	1195	1306		
83	8.246	8.231	8.274	VV	1769	2746		
84	8.317	8.274	8.354	VV	1018	3008		
85	8.401	8.354	8.424	VV	1275	35944	0.22%	0.010%
86	8.500	8.424	8.561	VV	724042	7838995	47.83%	2.135%
87	8.600	8.561	8.698	VV	765884	8106856	49.46%	2.208%
88	8.716	8.698	8.766	VV	2347	62955	0.38%	0.017%
89	8.800	8.766	8.866	VV	401272	4508076	27.51%	1.228%
90	8.900	8.866	9.004	VV	766534	8187089	49.95%	2.230%
91	9.035	9.004	9.064	VV	2901	70787	0.43%	0.019%
92	9.089	9.064	9.125	VV	1993	46034	0.28%	0.013%
93	9.143	9.125	9.154	VV	1296	20297	0.12%	0.006%
94	9.179	9.154	9.202	VV	2679	48329	0.29%	0.013%
95	9.244	9.202	9.298	VV	1653	67754	0.41%	0.018%
96	9.324	9.298	9.394	VV	6587	123224	0.75%	0.034%
97	9.410	9.394	9.433	VV	1327	20709	0.13%	0.006%
98	9.465	9.433	9.487	VV	1182	23562	0.14%	0.006%
99	9.521	9.487	9.535	VV	1046	20115	0.12%	0.005%
100	9.551	9.535	9.589	VV	1358	29652	0.18%	0.008%
101	9.607	9.589	9.634	VV	1423	26499	0.16%	0.007%
102	9.690	9.634	9.818	VV	706512	8233120	50.23%	2.242%
103	9.834	9.818	9.857	VV	2768	52854	0.32%	0.014%
104	9.902	9.857	9.992	VV	5221	181416	1.11%	0.049%
105	10.047	9.992	10.073	VV	2296	87132	0.53%	0.024%
106	10.109	10.073	10.249	VV	732158	8527011	52.03%	2.322%
107	10.276	10.249	10.307	VV	1334	28717	0.18%	0.008%
108	10.318	10.307	10.328	VV	570	6012	0.04%	0.002%
109	10.379	10.328	10.407	VV	1188	33792	0.21%	0.009%
110	10.454	10.407	10.468	VV	1629	38853	0.24%	0.011%
111	10.495	10.468	10.522	VV	5663	93694	0.57%	0.026%
112	10.546	10.522	10.565	VV	2198	40385	0.25%	0.011%
113	10.584	10.565	10.602	VV	2176	36526	0.22%	0.010%
114	10.640	10.602	10.665	VV	2250	47691	0.29%	0.013%
115	10.692	10.665	10.721	VV	856	20385	0.12%	0.006%
116	10.748	10.721	10.761	VV	1611	29367	0.18%	0.008%
117	10.776	10.761	10.808	VV	1785	37875	0.23%	0.010%
118	10.846	10.808	10.877	VV	12535	185384	1.13%	0.050%
119	10.904	10.877	11.017	VV	7981	234568	1.43%	0.064%
120	11.098	11.017	11.141	VV	682591	8042700	49.07%	2.190%
121	11.174	11.141	11.283	VV	672393	8082778	49.32%	2.201%
122	11.300	11.283	11.331	VV	3141	68872	0.42%	0.019%
123	11.353	11.331	11.384	VV	5523	85325	0.52%	0.023%
124	11.405	11.384	11.433	VV	2272	43701	0.27%	0.012%
125	11.482	11.433	11.514	VV	2501	71376	0.44%	0.019%
126	11.554	11.514	11.608	VV	736400	8722622	53.22%	2.376%

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127	11.639	11.608	11.677	VV	6670	132943	0.81%	0.036%
128	11.703	11.677	11.724	VV	808	1772		
129	11.749	11.724	11.771	VV	1012	1826		
130	11.812	11.771	11.826	VV	1491	3185		
131	11.865	11.826	11.921	VV	591289	674419		
132	11.939	11.921	11.967	VV	3029	56140	0.34%	0.015%
133	12.027	11.967	12.065	VV	3492	129117	0.79%	0.035%
134	12.082	12.065	12.134	VV	1804	41923	0.26%	0.011%
135	12.158	12.134	12.173	PV	1003	13546	0.08%	0.004%
136	12.220	12.173	12.245	VV	10603	162783	0.99%	0.044%
137	12.273	12.245	12.301	VV	72507	853269	5.21%	0.232%
138	12.313	12.301	12.360	VV	2278	50746	0.31%	0.014%
139	12.377	12.360	12.395	VV	1055	11702	0.07%	0.003%
140	12.473	12.395	12.524	VV	64536	804903	4.91%	0.219%
141	12.548	12.524	12.559	VV	2074	33367	0.20%	0.009%
142	12.578	12.559	12.663	VV	2440	95075	0.58%	0.026%
143	12.689	12.663	12.728	VV	4932	78845	0.48%	0.021%
144	12.753	12.728	12.770	PV	683	10441	0.06%	0.003%
145	12.800	12.770	12.824	VV	3077	44355	0.27%	0.012%
146	12.866	12.824	12.891	VV	721106	8591203	52.42%	2.340%
147	12.922	12.891	13.005	VV	710655	8365749	51.04%	2.278%
148	13.014	13.005	13.033	VV	1035	12302	0.08%	0.003%
149	13.051	13.033	13.076	VV	1115	13600	0.08%	0.004%
150	13.104	13.076	13.133	PV	8212	104969	0.64%	0.029%
151	13.158	13.133	13.178	VV	894	15967	0.10%	0.004%
152	13.221	13.178	13.256	VV	696069	8341721	50.90%	2.272%
153	13.308	13.256	13.332	VV	517592	9830684	59.98%	2.677%
154	13.350	13.332	13.374	VV	168970	2118881	12.93%	0.577%
155	13.383	13.374	13.440	VV	13792	200499	1.22%	0.055%
156	13.478	13.440	13.509	VV	643596	8245163	50.31%	2.245%
157	13.530	13.509	13.601	VV	35339	582371	3.55%	0.159%
158	13.618	13.601	13.658	VV	1289	25034	0.15%	0.007%
159	13.704	13.658	13.771	PV	21097	305347	1.86%	0.083%
160	13.818	13.771	13.841	VV	4594	86522	0.53%	0.024%
161	13.853	13.841	13.878	VV	1530	20258	0.12%	0.006%
162	13.915	13.878	13.943	VV	2829	56739	0.35%	0.015%
163	13.961	13.943	13.980	VV	1748	28639	0.17%	0.008%
164	14.006	13.980	14.026	VV	1864	37356	0.23%	0.010%
165	14.066	14.026	14.113	VV	626469	8070790	49.24%	2.198%
166	14.124	14.113	14.145	VV	2036	30020	0.18%	0.008%
167	14.174	14.145	14.214	VV	1817	48463	0.30%	0.013%
168	14.232	14.214	14.246	VV	867	9981	0.06%	0.003%
169	14.278	14.246	14.321	VV	1164	34495	0.21%	0.009%
170	14.363	14.321	14.384	VV	2027	49301	0.30%	0.013%
171	14.424	14.384	14.438	VV	784	10835	0.07%	0.003%
172	14.525	14.438	14.600	VV	4035	188433	1.15%	0.051%
173	14.627	14.600	14.664	PV	7603	132455	0.81%	0.036%
174	14.684	14.664	14.706	VV	5297	80017	0.49%	0.022%

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175	14.727	14.706	14.764	VV	3768	78765	0.48%	0.021%
176	14.788	14.764	14.813	VV	3881	5984		
177	14.858	14.813	14.890	VV	1783	4335		
178	14.913	14.890	14.933	VV	806	1324		
179	14.941	14.933	14.957	VV	386	391		
180	14.977	14.957	14.993	PV	811	9356	0.06%	0.003%
181	15.021	14.993	15.034	VV	366	5504	0.03%	0.001%
182	15.106	15.034	15.126	VV	546068	8106046	49.46%	2.208%
183	15.152	15.126	15.245	VV	726347	16389904	100.00%	4.464%
184	15.261	15.245	15.291	VV	5227	111404	0.68%	0.030%
185	15.298	15.291	15.384	VV	3195	105064	0.64%	0.029%
186	15.419	15.384	15.499	VV	2113	74399	0.45%	0.020%
187	15.562	15.499	15.633	VV	17047	459229	2.80%	0.125%
188	15.647	15.633	15.657	VV	821	11067	0.07%	0.003%
189	15.688	15.657	15.722	VV	7790	136462	0.83%	0.037%
190	15.751	15.722	15.798	VV	9241	191947	1.17%	0.052%
191	15.815	15.798	15.842	VV	2316	37893	0.23%	0.010%
192	15.864	15.842	15.884	VV	864	13178	0.08%	0.004%
193	15.940	15.884	15.981	VV	2535	76443	0.47%	0.021%
194	16.016	15.981	16.047	VV	1505	38695	0.24%	0.011%
195	16.076	16.047	16.088	VV	1464	25430	0.16%	0.007%
196	16.105	16.088	16.133	VV	1668	34975	0.21%	0.010%
197	16.196	16.133	16.236	VV	559677	7754613	47.31%	2.112%
198	16.253	16.236	16.274	VV	1927	32239	0.20%	0.009%
199	16.284	16.274	16.294	VV	779	7422	0.05%	0.002%
200	16.304	16.294	16.332	VV	682	9578	0.06%	0.003%
201	16.374	16.332	16.394	PV	1856	37429	0.23%	0.010%
202	16.417	16.394	16.431	VV	814	14223	0.09%	0.004%
203	16.482	16.431	16.510	VV	1739	42960	0.26%	0.012%
204	16.530	16.510	16.543	VV	815	12334	0.08%	0.003%
205	16.583	16.543	16.614	VV	3755	80466	0.49%	0.022%
206	16.675	16.614	16.689	VV	488889	9258067	56.49%	2.521%
207	16.706	16.689	16.778	VV	666767	8754798	53.42%	2.384%
208	16.796	16.778	16.824	VV	9395	201045	1.23%	0.055%
209	16.834	16.824	16.928	VV	4827	192184	1.17%	0.052%
210	16.986	16.928	17.010	VV	11533	242314	1.48%	0.066%
211	17.054	17.010	17.107	VV	549291	8229402	50.21%	2.241%
212	17.146	17.107	17.211	VV	552540	8096437	49.40%	2.205%
213	17.220	17.211	17.248	VV	5114	85734	0.52%	0.023%
214	17.297	17.248	17.314	VV	3110	98388	0.60%	0.027%
215	17.324	17.314	17.337	VV	2294	28443	0.17%	0.008%
216	17.369	17.337	17.393	VV	2582	73772	0.45%	0.020%
217	17.451	17.393	17.499	VV	3241	149116	0.91%	0.041%
218	17.546	17.499	17.564	VV	4102	114680	0.70%	0.031%
219	17.592	17.564	17.634	VV	9802	180039	1.10%	0.049%
220	17.654	17.634	17.663	VV	1475	21579	0.13%	0.006%
221	17.705	17.663	17.728	VV	1958	56497	0.34%	0.015%

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222	17.754	17.728	17.781	VV	1480	26845	0.16%	0.007%
223	17.881	17.781	17.891	PV	531	2023		
224	17.926	17.891	17.961	PV	5948	11175		
225	18.038	17.961	18.078	VV	526798	789582		
226	18.126	18.078	18.144	VV	7125	12544		
227	18.167	18.144	18.198	VV	8018	155000	0.95%	0.042%
228	18.204	18.198	18.235	VV	3538	55450	0.34%	0.015%
229	18.252	18.235	18.284	VV	2487	48317	0.29%	0.013%
230	18.350	18.284	18.377	VV	6443	185587	1.13%	0.051%
231	18.431	18.377	18.446	VV	322274	6294823	38.41%	1.714%
232	18.466	18.446	18.633	VV	413682	9085034	55.43%	2.474%
233	18.690	18.633	18.811	VV	350561	7583650	46.27%	2.065%
234	18.870	18.811	18.911	VV	544776	8710280	53.14%	2.372%
235	18.920	18.911	18.928	VV	11412	115534	0.70%	0.031%
236	18.962	18.928	18.991	VV	19358	554965	3.39%	0.151%
237	19.006	18.991	19.073	VV	15013	582384	3.55%	0.159%
238	19.155	19.073	19.181	VV	11762	689937	4.21%	0.188%
239	19.262	19.181	19.317	VV	21962	1258222	7.68%	0.343%
240	19.361	19.317	19.397	VV	12861	581554	3.55%	0.158%
241	19.408	19.397	19.414	VV	11951	122089	0.74%	0.033%
242	19.422	19.414	19.440	VV	12002	185910	1.13%	0.051%
243	19.460	19.440	19.490	VV	13601	361520	2.21%	0.098%
244	19.512	19.490	19.524	VV	12867	253659	1.55%	0.069%
245	19.544	19.524	19.553	VV	13033	210092	1.28%	0.057%
246	19.563	19.553	19.575	VV	13108	171437	1.05%	0.047%
247	19.584	19.575	19.598	VV	12326	164799	1.01%	0.045%
248	19.655	19.598	19.724	VV	536399	9062445	55.29%	2.468%
249	19.763	19.724	19.788	VV	18838	601077	3.67%	0.164%
250	19.815	19.788	19.827	VV	17522	384138	2.34%	0.105%
251	19.855	19.827	19.865	VV	18705	395628	2.41%	0.108%
252	19.938	19.865	19.960	VV	19862	1073377	6.55%	0.292%
253	19.994	19.960	20.005	VV	24511	580017	3.54%	0.158%
254	20.027	20.005	20.047	VV	27332	616609	3.76%	0.168%
255	20.060	20.047	20.114	VV	22628	824713	5.03%	0.225%
256	20.172	20.114	20.184	VV	22370	860044	5.25%	0.234%
257	20.292	20.184	20.341	VV	29761	2421024	14.77%	0.659%
258	20.397	20.341	20.436	VV	529376	9623500	58.72%	2.621%
259	20.458	20.436	20.474	VV	33977	765601	4.67%	0.209%
260	20.487	20.474	20.501	VV	32181	507541	3.10%	0.138%
261	20.541	20.501	20.578	VV	35900	1553577	9.48%	0.423%
262	20.595	20.578	20.605	VV	33566	542008	3.31%	0.148%
263	20.611	20.605	20.631	VV	32265	482384	2.94%	0.131%
264	20.635	20.631	20.648	VV	31064	306856	1.87%	0.084%
265	20.653	20.648	20.680	VV	30768	573967	3.50%	0.156%
266	20.707	20.680	20.717	VV	29975	647160	3.95%	0.176%
267	20.751	20.717	20.774	VV	38589	1186848	7.24%	0.323%
268	20.790	20.774	20.808	VV	36077	699866	4.27%	0.191%
269	20.819	20.808	20.918	VV	35120	2095830	12.79%	0.571%

Instrument :

FID_E

ClientSampleId :

SU-03-112823-EPH2MSD

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270	21.008	20.918	21.031	VV	29989	1881959	11.48%	0.513%
271	21.038	21.031	21.081	VV	28552	81614		
272	21.134	21.081	21.218	VV	446896	1012516		
273	21.236	21.218	21.251	VV	19831	37895		
274	21.334	21.251	21.384	VV	24856	182249		
275	21.404	21.384	21.448	VV	22746	823074	5.02%	0.224%
276	21.465	21.448	21.524	VV	21304	863417	5.27%	0.235%
277	21.551	21.524	21.606	VV	18960	788035	4.81%	0.215%
278	21.692	21.606	21.707	VV	17147	917484	5.60%	0.250%
279	21.716	21.707	21.888	VV	16660	1174046	7.16%	0.320%
280	22.042	21.888	22.201	VV	306694	9298467	56.73%	2.532%
281	22.211	22.201	22.224	VV	1155	8555	0.05%	0.002%
Sum of corrected areas:					367190150			

Instrument :
FID_E
ClientSampleId :
SU-03-112823-EPH2MSD

Manual IntegrationsAPPROVED

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Aliphatic EPH 110423.M Thu Nov 30 02:55:12 2023