

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055513.D
 Signal(s) : FID1A.CH
 Acq On : 03 Sep 2021 10:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:07:06 AM

Integration File: autoint1.e
 Quant Time: Sep 03 13:12:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.656	2481431	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	13.090	1909349	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.398	2341463	21.661 ug/ml
2) T n-Decane (C10)	4.469	2405433	22.060 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2711269	22.003 ug/ml
4) T n-Dodecane (C12)	6.492	2424428	22.142 ug/ml
5) T A~2-methylnaphthalene...	7.120	2732415	21.956 ug/ml
6) T n-Tetradecane (C14)	8.289	2442122	21.927 ug/ml
7) T n-Hexadecane (C16)	9.891	2423198	21.441 ug/ml
8) T n-Octadecane (C18)	11.335	2416111	20.752 ug/ml
10) T n-Eicosane (C20)	12.645	2307504	19.748 ug/ml
11) T n-Heneicosane (C21)	13.257	2278964	19.363 ug/ml
13) T n-Docosane (C22)	13.843	2215544	18.993 ug/ml
14) T n-Tetracosane (C24)	14.945	2101600	18.046 ug/ml
15) T n-Hexacosane (C26)	15.966	1972218	17.410 ug/ml
16) T n-Octacosane (C28)	16.915	1896773	17.141 ug/ml
17) T n-Tricontane (C30)	17.803	1858019	17.474 ug/ml
18) T n-Dotriacontane (C32)	18.635	1821354	18.174 ug/ml
19) T n-Tetratriacontane (C34)	19.418	1900274	20.134 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1740373	20.045 ug/mlm
21) T n-Octatriacontane (C38)	20.905	1706002	20.930 ug/mlm
22) T n-Tetracontane (C40)	21.842	1776880	22.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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