

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052460.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 2:35
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Ankita
 3/17/2021 2:22:51 PM

Integration File: autoint1.e
 Quant Time: Mar 17 03:43:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 02:52:15 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)	11.568	669232	4.991 ug/ml
Spiked Amount 50.000		Recovery =	9.98%
12) S 1-chlorooctadecane (S...	13.006	537609	4.980 ug/ml
Spiked Amount 50.000		Recovery =	9.96%
Target Compounds			
1) T n-Nonane (C9)	3.330	580147	4.994 ug/ml
2) T n-Decane (C10)	4.396	580696	4.944 ug/ml
3) T A~Naphthalene (C11.7)	5.982	649201	4.948 ug/ml
4) T n-Dodecane (C12)	6.415	594384	4.938 ug/ml
5) T A~2-methylnaphthalene...	7.039	654643	4.864 ug/ml
6) T n-Tetradecane (C14)	8.211	602417	4.976 ug/ml
7) T n-Hexadecane (C16)	9.812	602122	5.008 ug/ml
8) T n-Octadecane (C18)	11.252	634342	5.035 ug/ml
10) T n-Eicosane (C20)	12.561	640433	5.019 ug/ml
11) T n-Heneicosane (C21)	13.173	639847	5.042 ug/ml
13) T n-Docosane (C22)	13.759	637926	5.045 ug/ml
14) T n-Tetracosane (C24)	14.860	629588	5.050 ug/ml
15) T n-Hexacosane (C26)	15.880	608337	5.065 ug/ml
16) T n-Octacosane (C28)	16.828	586551	5.110 ug/ml
17) T n-Tricontane (C30)	17.716	566559	5.253 ug/ml
18) T n-Dotriacontane (C32)	18.547	534464	5.415 ug/ml
19) T n-Tetratriacontane (C34)	19.329	471606	5.164 ug/ml
20) T n-Hexatriacontane (C36)	20.068	493097	5.520 ug/mlm
21) T n-Octatriacontane (C38)	20.799	415913	5.121 ug/ml
22) T n-Tetracontane (C40)	21.705	451207	5.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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