

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009705.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 11:27
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 03 13:55:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:53:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.845	14455425	95.703 ug/ml
Spiked Amount 50.000		Recovery =	191.41%
12) S 1-chlorooctadecane (S...	12.292	11597466	95.778 ug/ml
Spiked Amount 50.000		Recovery =	191.56%
Target Compounds			
1) T n-Nonane (C9)	2.669	12143428	97.486 ug/ml
2) T n-Decane (C10)	3.681	12066918	99.215 ug/ml
3) T A~Naphthalene (C11.7)	5.242	13486757	97.713 ug/ml
4) T n-Dodecane (C12)	5.681	12433939	98.498 ug/ml
5) T A~2-methylnaphthalene...	6.297	13711247	100.477 ug/ml
6) T n-Tetradecane (C14)	7.479	12627014	99.741 ug/ml
7) T n-Hexadecane (C16)	9.086	12882408	98.887 ug/ml
8) T n-Octadecane (C18)	10.535	13179575	96.103 ug/ml
10) T n-Eicosane (C20)	11.849	13197975	95.687 ug/ml
11) T n-Heneicosane (C21)	12.464	13317314	95.465 ug/ml
13) T n-Docosane (C22)	13.053	13354885	95.431 ug/ml
14) T n-Tetracosane (C24)	14.162	13410337	95.346 ug/ml
15) T n-Hexacosane (C26)	15.186	13334592	95.452 ug/ml
16) T n-Octacosane (C28)	16.140	13173332	95.073 ug/ml
17) T n-Tricontane (C30)	17.032	12763980	94.217 ug/ml
18) T n-Dotriacontane (C32)	17.865	11851116	93.680 ug/ml
19) T n-Tetratriacontane (C34)	18.652	10622619	92.996 ug/ml
20) T n-Hexatriacontane (C36)	19.393	9153390	91.893 ug/ml
21) T n-Octatriacontane (C38)	20.129	7941002	91.767 ug/ml
22) T n-Tetracontane (C40)	21.041	7309100	91.725 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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