

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050422AL\
 Data File : FG009761.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2022 01:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: May 05 03:14:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 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)	10.837	2665635	17.391 ug/ml
Spiked Amount 50.000		Recovery =	34.78%
12) S 1-chlorooctadecane (S...	12.289	2069460	17.006 ug/ml
Spiked Amount 50.000		Recovery =	34.01%
Target Compounds			
1) T n-Nonane (C9)	2.667	2362761	18.616 ug/ml
2) T n-Decane (C10)	3.678	2333637	18.887 ug/ml
3) T A~Naphthalene (C11.7)	5.240	2614116	18.766 ug/ml
4) T n-Dodecane (C12)	5.677	2402683	18.813 ug/ml
5) T A~2-methylnaphthalene...	6.293	2589660	18.818 ug/ml
6) T n-Tetradecane (C14)	7.475	2391433	18.702 ug/ml
7) T n-Hexadecane (C16)	9.082	2370694	17.816 ug/ml
8) T n-Octadecane (C18)	10.529	2439014	17.635 ug/ml
10) T n-Eicosane (C20)	11.844	2409756	17.306 ug/ml
11) T n-Heneicosane (C21)	12.459	2390886	16.961 ug/ml
13) T n-Docosane (C22)	13.047	2372308	16.779 ug/ml
14) T n-Tetracosane (C24)	14.155	2328954	16.342 ug/ml
15) T n-Hexacosane (C26)	15.182	2259640	15.856 ug/ml
16) T n-Octacosane (C28)	16.135	2215563	15.586 ug/ml
17) T n-Tricontane (C30)	17.027	2180193	15.582 ug/ml
18) T n-Dotriacontane (C32)	17.861	2065641	15.682 ug/ml
19) T n-Tetratriacontane (C34)	18.648	1916583	16.336 ug/ml
20) T n-Hexatriacontane (C36)	19.392	1751419	17.511 ug/mlm
21) T n-Octatriacontane (C38)	20.130	1595618	18.402 ug/mlm
22) T n-Tetracontane (C40)	21.038	1533584	19.225 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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