

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011909.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 21:34
 Operator : YP\AJ
 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 05/20/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e
 Quant Time: May 20 00:45:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 2023
 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)	10.927	3150472	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.366	2365688	19.950 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	2.761	2299677	19.974 ug/ml
2) T n-Decane (C10)	3.773	2360230	20.009 ug/ml
3) T A~Naphthalene (C11.7)	5.342	2661228	20.303 ug/ml
4) T n-Dodecane (C12)	5.767	2432043	20.277 ug/ml
5) T A~2-methylnaphthalene...	6.393	2578492	20.426 ug/ml
6) T n-Tetradecane (C14)	7.561	2467634	20.321 ug/ml
7) T n-Hexadecane (C16)	9.165	2628949	20.249 ug/ml
8) T n-Octadecane (C18)	10.609	2732561	20.075 ug/ml
10) T n-Eicosane (C20)	11.920	2681409	19.869 ug/ml
11) T n-Heneicosane (C21)	12.533	2651639	19.728 ug/ml
13) T n-Docosane (C22)	13.120	2639008	19.530 ug/ml
14) T n-Tetracosane (C24)	14.225	2597233	19.084 ug/ml
15) T n-Hexacosane (C26)	15.248	2502773	18.709 ug/ml
16) T n-Octacosane (C28)	16.200	2404415	18.417 ug/ml
17) T n-Tricontane (C30)	17.090	2373267	17.994 ug/ml
18) T n-Dotriacontane (C32)	17.926	2309136	17.974 ug/mlm
19) T n-Tetratriacontane (C34)	18.711	2250680	18.369 ug/mlm
20) T n-Hexatriacontane (C36)	19.451	2164196	18.603 ug/mlm
21) T n-Octatriacontane (C38)	20.196	2256471	20.083 ug/mlm
22) T n-Tetracontane (C40)	21.121	2198161	20.402 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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