

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062723AL\
 Data File : FG012307.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 14:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 28 00:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 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)	10.892	2882433	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	12.331	2149525	19.084 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	2.740	2226030	18.796 ug/ml
2) T n-Decane (C10)	3.748	2265032	18.604 ug/ml
3) T A~Naphthalene (C11.7)	5.313	2571063	18.761 ug/ml
4) T n-Dodecane (C12)	5.738	2293341	18.353 ug/ml
5) T A~2-methylnaphthalene...	6.363	2443797	18.692 ug/ml
6) T n-Tetradecane (C14)	7.531	2299152	18.352 ug/ml
7) T n-Hexadecane (C16)	9.132	2431945	18.445 ug/ml
8) T n-Octadecane (C18)	10.575	2525695	18.569 ug/ml
10) T n-Eicosane (C20)	11.885	2475547	18.834 ug/ml
11) T n-Heneicosane (C21)	12.498	2442072	19.043 ug/ml
13) T n-Docosane (C22)	13.084	2427642	19.125 ug/ml
14) T n-Tetracosane (C24)	14.188	2492978	18.731 ug/ml
15) T n-Hexacosane (C26)	15.211	2317027	18.897 ug/ml
16) T n-Octacosane (C28)	16.161	2240415	18.523 ug/ml
17) T n-Tricontane (C30)	17.050	2253735	18.114 ug/ml
18) T n-Dotriacontane (C32)	17.883	2221686	17.927 ug/ml
19) T n-Tetratriacontane (C34)	18.667	2186134	18.278 ug/ml
20) T n-Hexatriacontane (C36)	19.408	2124432	18.434 ug/mlm
21) T n-Octatriacontane (C38)	20.144	2095870	18.339 ug/ml
22) T n-Tetracontane (C40)	21.052	2073935	18.325 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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