

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012243.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 13:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 20 14:35:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:47:29 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)	10.901	802822	5.389 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
12) S 1-chlorooctadecane (S...	12.340	592347	5.328 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
Target Compounds			
1) T n-Nonane (C9)	2.745	623807	5.339 ug/ml
2) T n-Decane (C10)	3.755	640209	5.327 ug/ml
3) T A~Naphthalene (C11.7)	5.324	703254	5.165 ug/ml
4) T n-Dodecane (C12)	5.745	656787	5.324 ug/ml
5) T A~2-methylnaphthalene...	6.373	652402	4.988 ug/ml
6) T n-Tetradecane (C14)	7.538	644688	5.184 ug/ml
7) T n-Hexadecane (C16)	9.142	676990	5.170 ug/ml
8) T n-Octadecane (C18)	10.584	712028	5.297 ug/ml
10) T n-Eicosane (C20)	11.894	695494	5.369 ug/ml
11) T n-Heneicosane (C21)	12.507	678844	5.372 ug/ml
13) T n-Docosane (C22)	13.094	667239	5.325 ug/ml
14) T n-Tetracosane (C24)	14.198	753383	5.854 ug/ml
15) T n-Hexacosane (C26)	15.220	638391	5.261 ug/ml
16) T n-Octacosane (C28)	16.172	633208	5.297 ug/ml
17) T n-Tricontane (C30)	17.061	664189	5.430 ug/ml
18) T n-Dotriacontane (C32)	17.894	680779	5.632 ug/mlm
19) T n-Tetratriacontane (C34)	18.679	651875	5.576 ug/mlm
20) T n-Hexatriacontane (C36)	19.418	616609	5.446 ug/ml
21) T n-Octatriacontane (C38)	20.157	618388	5.524 ug/ml
22) T n-Tetracontane (C40)	21.071	606363	5.455 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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