

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061323AL\
 Data File : FG012170.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 10:14
 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 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:45:40 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)	10.909	3522863	22.508 ug/ml
Spiked Amount 50.000		Recovery =	45.02%
12) S 1-chlorooctadecane (S...	12.348	2636511	22.234 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T n-Nonane (C9)	2.750	2642643	22.953 ug/ml
2) T n-Decane (C10)	3.760	2712395	22.995 ug/ml
3) T A~Naphthalene (C11.7)	5.327	3073165	23.446 ug/ml
4) T n-Dodecane (C12)	5.750	2764727	23.051 ug/ml
5) T A~2-methylnaphthalene...	6.377	2956469	23.420 ug/ml
6) T n-Tetradecane (C14)	7.545	2784630	22.931 ug/ml
7) T n-Hexadecane (C16)	9.147	2952224	22.739 ug/ml
8) T n-Octadecane (C18)	10.590	3064135	22.511 ug/ml
10) T n-Eicosane (C20)	11.902	3008451	22.293 ug/ml
11) T n-Heneicosane (C21)	12.514	2978906	22.163 ug/ml
13) T n-Docosane (C22)	13.101	2965117	21.943 ug/ml
14) T n-Tetracosane (C24)	14.207	2937270	21.582 ug/ml
15) T n-Hexacosane (C26)	15.229	2829339	21.150 ug/ml
16) T n-Octacosane (C28)	16.180	2718986	20.827 ug/ml
17) T n-Tricontane (C30)	17.070	2732736	20.720 ug/ml
18) T n-Dotriacontane (C32)	17.903	2692550	20.959 ug/ml
19) T n-Tetratriacontane (C34)	18.689	2643190	21.572 ug/mlm
20) T n-Hexatriacontane (C36)	19.428	2553371	21.949 ug/mlm
21) T n-Octatriacontane (C38)	20.169	2540413	22.610 ug/ml
22) T n-Tetracontane (C40)	21.086	2505855	23.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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