

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061623AL\
 Data File : FG012188.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2023 13:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e
 Quant Time: Jun 16 23:37:49 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)	10.908	3310822	21.153 ug/ml
Spiked Amount 50.000		Recovery =	42.31%
12) S 1-chlorooctadecane (S...	12.347	2459205	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	2.749	2624242	22.793 ug/ml
2) T n-Decane (C10)	3.759	2685051	22.763 ug/ml
3) T A~Naphthalene (C11.7)	5.326	3012365	22.982 ug/ml
4) T n-Dodecane (C12)	5.750	2737783	22.826 ug/ml
5) T A~2-methylnaphthalene...	6.377	2875132	22.776 ug/ml
6) T n-Tetradecane (C14)	7.544	2753838	22.678 ug/ml
7) T n-Hexadecane (C16)	9.147	2908060	22.398 ug/ml
8) T n-Octadecane (C18)	10.591	2985217	21.931 ug/ml
10) T n-Eicosane (C20)	11.901	2869514	21.263 ug/ml
11) T n-Heneicosane (C21)	12.514	2804421	20.865 ug/ml
13) T n-Docosane (C22)	13.101	2766703	20.475 ug/ml
14) T n-Tetracosane (C24)	14.206	2706363	19.885 ug/ml
15) T n-Hexacosane (C26)	15.228	2622021	19.600 ug/ml
16) T n-Octacosane (C28)	16.179	2587886	19.823 ug/ml
17) T n-Tricontane (C30)	17.068	2665518	20.210 ug/ml
18) T n-Dotriacontane (C32)	17.902	2652979	20.651 ug/mlm
19) T n-Tetratriacontane (C34)	18.687	2611106	21.310 ug/mlm
20) T n-Hexatriacontane (C36)	19.429	2512010	21.593 ug/ml
21) T n-Octatriacontane (C38)	20.168	2527317	22.494 ug/ml
22) T n-Tetracontane (C40)	21.083	2477444	22.994 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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