

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070323AL\
 Data File : FG012322.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 09:28
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 03:05:45 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)	10.898	3215165	21.251 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	12.336	2361030	20.962 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	2.742	2543939	21.480 ug/ml
2) T n-Decane (C10)	3.751	2598449	21.342 ug/ml
3) T A~Naphthalene (C11.7)	5.317	2883540	21.041 ug/ml
4) T n-Dodecane (C12)	5.741	2633050	21.071 ug/ml
5) T A~2-methylnaphthalene...	6.367	2763592	21.138 ug/ml
6) T n-Tetradecane (C14)	7.534	2625264	20.956 ug/ml
7) T n-Hexadecane (C16)	9.137	2736843	20.758 ug/ml
8) T n-Octadecane (C18)	10.580	2833853	20.834 ug/ml
10) T n-Eicosane (C20)	11.891	2757189	20.976 ug/ml
11) T n-Heneicosane (C21)	12.503	2709308	21.126 ug/ml
13) T n-Docosane (C22)	13.090	2691667	21.205 ug/ml
14) T n-Tetracosane (C24)	14.195	2759954	20.737 ug/ml
15) T n-Hexacosane (C26)	15.218	2567904	20.943 ug/ml
16) T n-Octacosane (C28)	16.169	2498267	20.655 ug/ml
17) T n-Tricontane (C30)	17.058	2527431	20.314 ug/ml
18) T n-Dotriacontane (C32)	17.892	2519287	20.329 ug/mlm
19) T n-Tetratriacontane (C34)	18.677	2414562	20.188 ug/mlm
20) T n-Hexatriacontane (C36)	19.417	2373107	20.592 ug/mlm
21) T n-Octatriacontane (C38)	20.154	2378047	20.808 ug/ml
22) T n-Tetracontane (C40)	21.068	2398758	21.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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