

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013158.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 21:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 08 03:47:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:46:02 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)	11.987	3053419	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
12) S 1-chlorooctadecane (S...	13.427	2318099	20.863 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.341	2524358	19.936 ug/ml
2) T n-Decane (C10)	4.594	2588073	20.035 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2760040	20.267 ug/ml
4) T n-Dodecane (C12)	6.768	2609512	20.132 ug/ml
5) T A~2-methylnaphthalene...	7.407	2698854	20.421 ug/ml
6) T n-Tetradecane (C14)	8.603	2574581	20.246 ug/ml
7) T n-Hexadecane (C16)	10.217	2622734	20.375 ug/ml
8) T n-Octadecane (C18)	11.665	2630747	20.449 ug/ml
10) T n-Eicosane (C20)	12.980	2562457	20.479 ug/ml
11) T n-Heneicosane (C21)	13.594	2524523	20.660 ug/ml
13) T n-Docosane (C22)	14.182	2519976	20.265 ug/ml
14) T n-Tetracosane (C24)	15.288	2568203	19.496 ug/ml
15) T n-Hexacosane (C26)	16.313	2498072	19.121 ug/ml
16) T n-Octacosane (C28)	17.264	2488489	18.697 ug/ml
17) T n-Tricontane (C30)	18.154	2575321	18.681 ug/ml
18) T n-Dotriacontane (C32)	18.988	2585602	19.173 ug/ml
19) T n-Tetratriacontane (C34)	19.772	2481786	20.115 ug/ml
20) T n-Hexatriacontane (C36)	20.514	2439976	20.367 ug/ml
21) T n-Octatriacontane (C38)	21.272	2449759	20.456 ug/ml
22) T n-Tetracontane (C40)	22.225	2492798	20.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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