

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012448.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 03:46
 Operator : YP\AJ
 Sample : 03646-01MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

GATE-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e

Quant Time: Jul 19 05:34:20 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M

Quant Title : GC Extractables

QLast Update : Sat Jul 15 01:18:50 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)	10.885	5001510	32.008 ug/ml
Spiked Amount 50.000		Recovery =	64.02%
12) S 1-chlorooctadecane (S...	12.323	3351874	28.920 ug/ml
Spiked Amount 50.000		Recovery =	57.84%
Target Compounds			
1) T n-Nonane (C9)	2.736	3450451	27.739 ug/mlm
2) T n-Decane (C10)	3.744	3904697	30.711 ug/ml
3) T A~Naphthalene (C11.7)	5.306	4566950	32.995 ug/ml
4) T n-Dodecane (C12)	5.731	4235539	32.922 ug/ml
5) T A~2-methylnaphthalene...	6.356	4578346	35.063 ug/ml
6) T n-Tetradecane (C14)	7.525	4453222	34.871 ug/ml
7) T n-Hexadecane (C16)	9.125	4788009	35.910 ug/ml
8) T n-Octadecane (C18)	10.569	5049687	36.362 ug/ml
10) T n-Eicosane (C20)	11.879	5157256	38.146 ug/ml
11) T n-Heneicosane (C21)	12.490	4962344	37.405 ug/ml
13) T n-Docosane (C22)	13.077	4921504	37.331 ug/ml
14) T n-Tetracosane (C24)	14.171	9665925	68.821 ug/ml
15) T n-Hexacosane (C26)	15.203	4637327	36.736 ug/ml
16) T n-Octacosane (C28)	16.153	4693016	37.332 ug/ml
17) T n-Tricontane (C30)	17.043	4537377	34.337 ug/ml
18) T n-Dotriacontane (C32)	17.873	4617776	34.705 ug/ml
19) T n-Tetratriacontane (C34)	18.659	4448065	34.716 ug/ml
20) T n-Hexatriacontane (C36)	19.399	4418968	35.761 ug/ml
21) T n-Octatriacontane (C38)	20.133	4531548	37.940 ug/ml
22) T n-Tetracontane (C40)	21.038	4541683	39.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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