

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014551.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 12:11
 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 10/30/2024
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: sample.E
 Quant Time: Oct 30 06:14:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 2024
 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)	11.967	3049246	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.404	2348480	19.126 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
Target Compounds			
1) T n-Nonane (C9)	3.339	2698492	20.852 ug/ml
2) T n-Decane (C10)	4.590	2758100	20.932 ug/ml
3) T A~Naphthalene (C11.7)	6.295	2988256	20.831 ug/ml
4) T n-Dodecane (C12)	6.760	2789155	20.996 ug/ml
5) T A~2-methylnaphthalene...	7.393	2903063	20.809 ug/ml
6) T n-Tetradecane (C14)	8.592	2768916	20.869 ug/ml
7) T n-Hexadecane (C16)	10.202	2846606	20.485 ug/ml
8) T n-Octadecane (C18)	11.648	2856274	19.952 ug/ml
10) T n-Eicosane (C20)	12.959	2730762	19.418 ug/ml
11) T n-Heneicosane (C21)	13.572	2677227	19.128 ug/ml
13) T n-Docosane (C22)	14.159	2647504	18.820 ug/ml
14) T n-Tetracosane (C24)	15.262	2608697	18.333 ug/ml
15) T n-Hexacosane (C26)	16.284	2521998	17.867 ug/ml
16) T n-Octacosane (C28)	17.234	2422146	17.526 ug/ml
17) T n-Tricontane (C30)	18.121	2412623	17.407 ug/ml
18) T n-Dotriacontane (C32)	18.954	2292156	17.507 ug/ml
19) T n-Tetratriacontane (C34)	19.736	1986294	17.746 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1708175	18.352 ug/mlm
21) T n-Octatriacontane (C38)	21.224	1628977	19.497 ug/mlm
22) T n-Tetracontane (C40)	22.164	1577830	20.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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