

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067408.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 19:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:24:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.503	2784624	18.300 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
12) S 1-chlorooctadecane (S...	12.942	2070747	18.294 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.276	2538045	20.023 ug/ml
2) T n-Decane (C10)	4.342	2575570	20.037 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2829476	19.946 ug/ml
4) T n-Dodecane (C12)	6.359	2563214	19.753 ug/ml
5) T A~2-methylnaphthalene...	6.978	2707060	19.732 ug/ml
6) T n-Tetradecane (C14)	8.152	2485758	19.300 ug/ml
7) T n-Hexadecane (C16)	9.751	2512797	18.876 ug/ml
8) T n-Octadecane (C18)	11.191	2503828	18.465 ug/ml
10) T n-Eicosane (C20)	12.500	2393955	18.335 ug/ml
11) T n-Heneicosane (C21)	13.111	2351820	18.337 ug/ml
13) T n-Docosane (C22)	13.696	2333543	18.275 ug/ml
14) T n-Tetracosane (C24)	14.797	2324447	18.175 ug/ml
15) T n-Hexacosane (C26)	15.817	2290559	18.167 ug/ml
16) T n-Octacosane (C28)	16.765	2273739	18.099 ug/mlm
17) T n-Tricontane (C30)	17.652	2314557	17.967 ug/ml
18) T n-Dotriacontane (C32)	18.483	2294898	18.370 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	2025443	18.535 ug/mlm
20) T n-Hexatriacontane (C36)	20.005	1749945	18.515 ug/mlm
21) T n-Octatriacontane (C38)	20.731	1876713	21.399 ug/mlm
22) T n-Tetracontane (C40)	21.618	1758411	20.435 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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