

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090524AL\
 Data File : FC067049.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2024 08:36
 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 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e
 Quant Time: Sep 06 03:46:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.507	2832314	18.605 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	12.946	2011436	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.278	2568809	17.479 ug/ml
2) T n-Decane (C10)	4.343	2679105	17.879 ug/ml
3) T A~Naphthalene (C11.7)	5.924	2829323	17.785 ug/ml
4) T n-Dodecane (C12)	6.361	2693481	17.952 ug/ml
5) T A~2-methylnaphthalene...	6.979	2670009	17.754 ug/ml
6) T n-Tetradecane (C14)	8.155	2652627	18.295 ug/ml
7) T n-Hexadecane (C16)	9.754	2728254	18.615 ug/ml
8) T n-Octadecane (C18)	11.195	2750230	18.870 ug/ml
10) T n-Eicosane (C20)	12.503	2582648	18.859 ug/ml
11) T n-Heneicosane (C21)	13.115	2504698	18.795 ug/ml
13) T n-Docosane (C22)	13.701	2473633	18.772 ug/ml
14) T n-Tetracosane (C24)	14.802	2405207	18.558 ug/ml
15) T n-Hexacosane (C26)	15.823	2321107	18.299 ug/ml
16) T n-Octacosane (C28)	16.771	2306677	18.571 ug/ml
17) T n-Tricontane (C30)	17.657	2416879	19.232 ug/ml
18) T n-Dotriacontane (C32)	18.490	2380667	19.274 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2211469	18.442 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1960110	17.360 ug/ml
21) T n-Octatriacontane (C38)	20.738	1778725	16.327 ug/mlm
22) T n-Tetracontane (C40)	21.628	1575864	15.427 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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