

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091923AL\
 Data File : FC064621.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2023 18:56
 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 09/20/2023
 Supervised By :Ankita Jodhani 09/20/2023

Integration File: autoint1.e
 Quant Time: Sep 20 01:25:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.511	4410417	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	12.943	3237815	22.229 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
Target Compounds			
1) T n-Nonane (C9)	3.310	3675252	20.797 ug/ml
2) T n-Decane (C10)	4.369	3732503	20.777 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3957663	21.066 ug/ml
4) T n-Dodecane (C12)	6.379	3804654	20.946 ug/ml
5) T A~2-methylnaphthalene...	7.002	3792712	21.267 ug/ml
6) T n-Tetradecane (C14)	8.167	3713175	20.927 ug/ml
7) T n-Hexadecane (C16)	9.761	3726724	20.732 ug/ml
8) T n-Octadecane (C18)	11.198	3742964	20.673 ug/ml
10) T n-Eicosane (C20)	12.501	3613500	21.213 ug/ml
11) T n-Heneicosane (C21)	13.111	3552927	21.451 ug/ml
13) T n-Docosane (C22)	13.694	3508734	21.538 ug/ml
14) T n-Tetracosane (C24)	14.793	3416664	21.521 ug/ml
15) T n-Hexacosane (C26)	15.810	3288550	21.543 ug/ml
16) T n-Octacosane (C28)	16.754	3172056	21.433 ug/ml
17) T n-Tricontane (C30)	17.640	3134851	21.102 ug/ml
18) T n-Dotriacontane (C32)	18.466	3107109	21.290 ug/mlm
19) T n-Tetratriacontane (C34)	19.247	2957852	20.805 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2915795	21.170 ug/ml
21) T n-Octatriacontane (C38)	20.705	3115321	22.731 ug/mlm
22) T n-Tetracontane (C40)	21.584	2845000	20.915 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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