

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061324AL\
 Data File : FC066605.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2024 10:24
 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 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 03:13:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.546	2567623	16.893 ug/mlm
Spiked Amount 50.000		Recovery =	33.79%
12) S 1-chlorooctadecane (S...	12.985	1964871	17.195 ug/ml
Spiked Amount 50.000		Recovery =	34.39%
Target Compounds			
1) T n-Nonane (C9)	3.299	2348680	16.782 ug/ml
2) T n-Decane (C10)	4.367	2468484	17.156 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2709726	17.005 ug/ml
4) T n-Dodecane (C12)	6.389	2458870	17.076 ug/ml
5) T A~2-methylnaphthalene...	7.012	2606070	16.993 ug/ml
6) T n-Tetradecane (C14)	8.186	2410215	17.073 ug/ml
7) T n-Hexadecane (C16)	9.787	2464732	17.150 ug/ml
8) T n-Octadecane (C18)	11.230	2443499	17.075 ug/ml
10) T n-Eicosane (C20)	12.540	2337766	17.181 ug/ml
11) T n-Heneicosane (C21)	13.152	2299089	17.247 ug/ml
13) T n-Docosane (C22)	13.738	2298063	17.436 ug/ml
14) T n-Tetracosane (C24)	14.843	2337345	17.955 ug/ml
15) T n-Hexacosane (C26)	15.863	2335469	18.364 ug/ml
16) T n-Octacosane (C28)	16.815	2407596	19.393 ug/ml
17) T n-Tricontane (C30)	17.701	2592052	20.567 ug/ml
18) T n-Dotriacontane (C32)	18.534	2595188	21.086 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2433465	20.292 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2300180	18.985 ug/mlm
21) T n-Octatriacontane (C38)	20.793	2203399	19.047 ug/ml
22) T n-Tetracontane (C40)	21.701	2191742	17.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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