

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067294.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 07:09
 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 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 01:56:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.499	2604570	18.705 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	12.938	1882386	19.270 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	3.275	2379483	17.938 ug/ml
2) T n-Decane (C10)	4.339	2463150	18.340 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2589170	18.218 ug/ml
4) T n-Dodecane (C12)	6.355	2456914	18.355 ug/ml
5) T A~2-methylnaphthalene...	6.973	2446071	18.318 ug/ml
6) T n-Tetradecane (C14)	8.149	2413099	18.724 ug/ml
7) T n-Hexadecane (C16)	9.747	2435648	18.892 ug/ml
8) T n-Octadecane (C18)	11.187	2459184	19.221 ug/ml
10) T n-Eicosane (C20)	12.495	2306179	19.200 ug/ml
11) T n-Heneicosane (C21)	13.107	2257615	19.330 ug/ml
13) T n-Docosane (C22)	13.692	2266566	19.631 ug/ml
14) T n-Tetracosane (C24)	14.793	2341580	20.619 ug/ml
15) T n-Hexacosane (C26)	15.813	2375134	21.431 ug/ml
16) T n-Octacosane (C28)	16.761	2479970	22.959 ug/ml
17) T n-Tricontane (C30)	17.648	2631858	24.196 ug/ml
18) T n-Dotriacontane (C32)	18.477	2557867	24.523 ug/mlm
19) T n-Tetratriacontane (C34)	19.262	2126332	23.048 ug/ml
20) T n-Hexatriacontane (C36)	20.000	1668877	21.059 ug/ml
21) T n-Octatriacontane (C38)	20.723	1410598	18.779 ug/ml
22) T n-Tetracontane (C40)	21.613	1193692	17.086 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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