

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082824AL\
 Data File : FC067046.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2024 14:04
 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 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e
 Quant Time: Aug 29 02:10:59 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)	11.516	2999751	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	12.955	2251638	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	3.283	2918240	19.856 ug/ml
2) T n-Decane (C10)	4.349	3001692	20.032 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3173824	19.950 ug/ml
4) T n-Dodecane (C12)	6.366	2988541	19.918 ug/ml
5) T A~2-methylnaphthalene...	6.987	3018126	20.069 ug/ml
6) T n-Tetradecane (C14)	8.160	2899309	19.996 ug/ml
7) T n-Hexadecane (C16)	9.761	2933573	20.016 ug/ml
8) T n-Octadecane (C18)	11.203	2898243	19.885 ug/ml
10) T n-Eicosane (C20)	12.512	2728777	19.926 ug/ml
11) T n-Heneicosane (C21)	13.123	2656084	19.931 ug/ml
13) T n-Docosane (C22)	13.709	2632426	19.977 ug/ml
14) T n-Tetracosane (C24)	14.812	2591491	19.996 ug/ml
15) T n-Hexacosane (C26)	15.832	2539892	20.024 ug/ml
16) T n-Octacosane (C28)	16.782	2529790	20.368 ug/ml
17) T n-Tricontane (C30)	17.670	2660476	21.170 ug/ml
18) T n-Dotriacontane (C32)	18.501	2633112	21.318 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2531850	21.114 ug/mlm
20) T n-Hexatriacontane (C36)	20.025	2446271	21.666 ug/mlm
21) T n-Octatriacontane (C38)	20.754	2521786	23.147 ug/mlm
22) T n-Tetracontane (C40)	21.648	2215164	21.685 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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