

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067971.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 12:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e
 Quant Time: Dec 11 00:19:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.471	3473963	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.910	2578415	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.252	3016394	19.415 ug/ml
2) T n-Decane (C10)	4.314	3136813	19.787 ug/ml
3) T A~Naphthalene (C11.7)	5.889	3427692	19.634 ug/ml
4) T n-Dodecane (C12)	6.329	3222858	20.016 ug/ml
5) T A~2-methylnaphthalene...	6.944	3378709	20.165 ug/mlm
6) T n-Tetradecane (C14)	8.122	3197731	20.112 ug/ml
7) T n-Hexadecane (C16)	9.721	3260569	20.183 ug/ml
8) T n-Octadecane (C18)	11.161	3240556	20.185 ug/ml
10) T n-Eicosane (C20)	12.468	3050137	20.276 ug/ml
11) T n-Heneicosane (C21)	13.080	2959408	20.254 ug/ml
13) T n-Docosane (C22)	13.665	2897231	20.240 ug/ml
14) T n-Tetracosane (C24)	14.767	2829843	20.366 ug/ml
15) T n-Hexacosane (C26)	15.787	2739906	20.488 ug/ml
16) T n-Octacosane (C28)	16.734	2712169	20.909 ug/ml
17) T n-Tricontane (C30)	17.620	2822528	21.788 ug/ml
18) T n-Dotriacontane (C32)	18.452	2752340	22.217 ug/ml
19) T n-Tetratriacontane (C34)	19.234	2396643	21.958 ug/ml
20) T n-Hexatriacontane (C36)	19.973	2029413	21.451 ug/ml
21) T n-Octatriacontane (C38)	20.692	1891273	20.907 ug/ml
22) T n-Tetracontane (C40)	21.571	1834028	20.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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