

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068071.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 18:17
 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 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 01:54:55 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)	11.444	2845628	16.457 ug/ml
Spiked Amount 50.000		Recovery =	32.91%
12) S 1-chlorooctadecane (S...	12.883	2119423	16.611 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.242	2537642	16.333 ug/ml
2) T n-Decane (C10)	4.302	2597451	16.385 ug/ml
3) T A~Naphthalene (C11.7)	5.873	2848994	16.319 ug/ml
4) T n-Dodecane (C12)	6.312	2620952	16.278 ug/ml
5) T A~2-methylnaphthalene...	6.926	2753837	16.436 ug/ml
6) T n-Tetradecane (C14)	8.101	2615578	16.450 ug/ml
7) T n-Hexadecane (C16)	9.697	2692373	16.666 ug/ml
8) T n-Octadecane (C18)	11.136	2679241	16.689 ug/ml
10) T n-Eicosane (C20)	12.442	2515136	16.720 ug/ml
11) T n-Heneicosane (C21)	13.052	2442607	16.717 ug/ml
13) T n-Docosane (C22)	13.637	2407368	16.818 ug/ml
14) T n-Tetracosane (C24)	14.738	2365433	17.024 ug/ml
15) T n-Hexacosane (C26)	15.756	2305597	17.241 ug/ml
16) T n-Octacosane (C28)	16.704	2393656	18.454 ug/ml
17) T n-Tricontane (C30)	17.591	2630829	20.309 ug/ml
18) T n-Dotriacontane (C32)	18.422	2651894	21.406 ug/ml
19) T n-Tetratriacontane (C34)	19.202	2289281	20.974 ug/ml
20) T n-Hexatriacontane (C36)	19.942	1892386	20.002 ug/ml
21) T n-Octatriacontane (C38)	20.656	1706534	18.865 ug/ml
22) T n-Tetracontane (C40)	21.524	1614679	18.320 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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