

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
 Data File : FC068154.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 18:29
 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 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 01:30:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.422	2718065	17.394 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	12.862	2010714	17.484 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.230	2414512	17.633 ug/ml
2) T n-Decane (C10)	4.288	2470098	17.792 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2676369	17.827 ug/ml
4) T n-Dodecane (C12)	6.296	2459151	17.603 ug/ml
5) T A~2-methylnaphthalene...	6.908	2550303	17.756 ug/ml
6) T n-Tetradecane (C14)	8.083	2391224	17.521 ug/ml
7) T n-Hexadecane (C16)	9.679	2425409	17.455 ug/ml
8) T n-Octadecane (C18)	11.116	2439432	17.435 ug/ml
10) T n-Eicosane (C20)	12.422	2333826	17.442 ug/ml
11) T n-Heneicosane (C21)	13.032	2288169	17.422 ug/ml
13) T n-Docosane (C22)	13.617	2270237	17.526 ug/mlm
14) T n-Tetracosane (C24)	14.717	2279431	17.754 ug/ml
15) T n-Hexacosane (C26)	15.736	2271880	18.054 ug/ml
16) T n-Octacosane (C28)	16.684	2382665	19.050 ug/ml
17) T n-Tricontane (C30)	17.571	2656770	20.554 ug/ml
18) T n-Dotriacontane (C32)	18.402	2653659	21.227 ug/mlm
19) T n-Tetratriacontane (C34)	19.183	2288632	21.098 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1878801	20.302 ug/ml
21) T n-Octatriacontane (C38)	20.636	1683201	19.643 ug/ml
22) T n-Tetracontane (C40)	21.496	1576196	19.493 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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