

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011025AL\
 Data File : FC068100.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2025 17:43
 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 01/13/2025
 Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e
 Quant Time: Jan 10 22:09:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:53 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)	11.430	3185761	20.714 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	12.870	2336637	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.234	2810157	20.487 ug/ml
2) T n-Decane (C10)	4.292	2854233	20.652 ug/ml
3) T A~Naphthalene (C11.7)	5.861	3106253	20.657 ug/ml
4) T n-Dodecane (C12)	6.301	2862328	20.699 ug/ml
5) T A~2-methylnaphthalene...	6.914	2984825	20.680 ug/ml
6) T n-Tetradecane (C14)	8.090	2797826	20.703 ug/ml
7) T n-Hexadecane (C16)	9.686	2838619	20.684 ug/ml
8) T n-Octadecane (C18)	11.124	2841766	20.644 ug/ml
10) T n-Eicosane (C20)	12.429	2705329	20.623 ug/ml
11) T n-Heneicosane (C21)	13.040	2643864	20.569 ug/ml
13) T n-Docosane (C22)	13.624	2628641	20.726 ug/ml
14) T n-Tetracosane (C24)	14.724	2638042	21.131 ug/ml
15) T n-Hexacosane (C26)	15.743	2587967	21.240 ug/ml
16) T n-Octacosane (C28)	16.691	2579757	21.710 ug/ml
17) T n-Tricontane (C30)	17.577	2648606	22.193 ug/ml
18) T n-Dotriacontane (C32)	18.406	2541101	22.334 ug/mlm
19) T n-Tetratriacontane (C34)	19.188	2194182	22.043 ug/mlm
20) T n-Hexatriacontane (C36)	19.928	1861770	21.422 ug/mlm
21) T n-Octatriacontane (C38)	20.642	1715476	20.763 ug/ml
22) T n-Tetracontane (C40)	21.503	1644112	20.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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