

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
 Data File : FC068150.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 12:23
 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

Integration File: autoint1.e
 Quant Time: Jan 30 01:30:00 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)	11.424	2971385	19.015 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.864	2196112	19.096 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
Target Compounds			
1) T n-Nonane (C9)	3.230	2630210	19.208 ug/ml
2) T n-Decane (C10)	4.288	2698077	19.434 ug/ml
3) T A~Naphthalene (C11.7)	5.856	2917916	19.436 ug/ml
4) T n-Dodecane (C12)	6.296	2700753	19.333 ug/ml
5) T A~2-methylnaphthalene...	6.908	2804567	19.526 ug/ml
6) T n-Tetradecane (C14)	8.084	2629164	19.264 ug/ml
7) T n-Hexadecane (C16)	9.681	2669921	19.215 ug/ml
8) T n-Octadecane (C18)	11.118	2678116	19.141 ug/ml
10) T n-Eicosane (C20)	12.423	2552696	19.078 ug/ml
11) T n-Heneicosane (C21)	13.034	2497458	19.015 ug/ml
13) T n-Docosane (C22)	13.619	2494193	19.255 ug/ml
14) T n-Tetracosane (C24)	14.719	2483831	19.347 ug/ml
15) T n-Hexacosane (C26)	15.738	2464542	19.585 ug/ml
16) T n-Octacosane (C28)	16.686	2570716	20.554 ug/ml
17) T n-Tricontane (C30)	17.572	2848083	22.035 ug/ml
18) T n-Dotriacontane (C32)	18.403	2850094	22.799 ug/ml
19) T n-Tetratriacontane (C34)	19.185	2448610	22.573 ug/ml
20) T n-Hexatriacontane (C36)	19.923	2016307	21.788 ug/ml
21) T n-Octatriacontane (C38)	20.636	1815051	21.182 ug/ml
22) T n-Tetracontane (C40)	21.499	1704464	21.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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