

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068761.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 10:11
 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: May 06 03:49:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.710	2464756	19.356 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	13.143	1769009	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.442	2033323	19.306 ug/ml
2) T n-Decane (C10)	4.518	2063532	19.586 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2235784	19.198 ug/ml
4) T n-Dodecane (C12)	6.543	2057031	19.560 ug/ml
5) T A~2-methylnaphthalene...	7.173	2196105	19.014 ug/ml
6) T n-Tetradecane (C14)	8.340	2013168	19.583 ug/ml
7) T n-Hexadecane (C16)	9.943	1998372	19.622 ug/ml
8) T n-Octadecane (C18)	11.386	1980772	19.683 ug/ml
10) T n-Eicosane (C20)	12.697	1931488	19.637 ug/ml
11) T n-Heneicosane (C21)	13.310	1908988	19.588 ug/ml
13) T n-Docosane (C22)	13.897	1898831	19.658 ug/ml
14) T n-Tetracosane (C24)	15.001	1875102	19.700 ug/ml
15) T n-Hexacosane (C26)	16.023	1845351	19.757 ug/ml
16) T n-Octacosane (C28)	16.973	1885487	20.593 ug/ml
17) T n-Tricontane (C30)	17.862	2027798	22.058 ug/ml
18) T n-Dotriacontane (C32)	18.696	2087788	22.760 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2000220	22.389 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1961696	21.899 ug/ml
21) T n-Octatriacontane (C38)	20.996	1873894	21.195 ug/ml
22) T n-Tetracontane (C40)	21.972	1756261	19.888 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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