

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068256.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 18:50
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 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)	11.397	824094	5.368 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	12.840	593786	5.257 ug/ml
Spiked Amount 50.000		Recovery =	10.51%
Target Compounds			
1) T n-Nonane (C9)	3.208	739660	5.221 ug/ml
2) T n-Decane (C10)	4.265	741867	5.200 ug/ml
3) T A~Naphthalene (C11.7)	5.833	779725	5.039 ug/ml
4) T n-Dodecane (C12)	6.273	740350	5.242 ug/ml
5) T A~2-methylnaphthalene...	6.884	729676	4.976 ug/ml
6) T n-Tetradecane (C14)	8.060	721115	5.290 ug/ml
7) T n-Hexadecane (C16)	9.655	722933	5.266 ug/ml
8) T n-Octadecane (C18)	11.093	728153	5.314 ug/ml
10) T n-Eicosane (C20)	12.398	697130	5.340 ug/ml
11) T n-Heneicosane (C21)	13.009	687316	5.378 ug/ml
13) T n-Docosane (C22)	13.594	674382	5.342 ug/ml
14) T n-Tetracosane (C24)	14.694	667971	5.364 ug/ml
15) T n-Hexacosane (C26)	15.713	652733	5.355 ug/ml
16) T n-Octacosane (C28)	16.660	639945	5.374 ug/ml
17) T n-Tricontane (C30)	17.547	654656	5.455 ug/ml
18) T n-Dotriacontane (C32)	18.378	639981	5.537 ug/ml
19) T n-Tetratriacontane (C34)	19.160	592586	5.502 ug/ml
20) T n-Hexatriacontane (C36)	19.899	518944	5.402 ug/ml
21) T n-Octatriacontane (C38)	20.609	485383	5.381 ug/ml
22) T n-Tetracontane (C40)	21.462	459428	5.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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