

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013023AL\
 Data File : FD044924.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2023 17:57
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 21:18:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 013023.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 30 21:10:11 2023
 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)	11.452	844914	5.239 ug/ml
Spiked Amount 50.000		Recovery =	10.48%
12) S 1-chlorooctadecane (S...	12.886	602091	5.056 ug/ml
Spiked Amount 50.000		Recovery =	10.11%
Target Compounds			
1) T n-Nonane (C9)	3.272	730888	5.290 ug/ml
2) T n-Decane (C10)	4.329	713904	5.263 ug/ml
3) T A~Naphthalene (C11.7)	5.896	835467	5.245 ug/ml
4) T n-Dodecane (C12)	6.334	724642	5.254 ug/ml
5) T A~2-methylnaphthalene...	6.944	792623	5.256 ug/ml
6) T n-Tetradecane (C14)	8.118	737003	5.258 ug/ml
7) T n-Hexadecane (C16)	9.711	757147	5.240 ug/ml
8) T n-Octadecane (C18)	11.145	771365	5.248 ug/ml
10) T n-Eicosane (C20)	12.447	739075	5.194 ug/ml
11) T n-Heneicosane (C21)	13.054	750722	5.255 ug/ml
13) T n-Docosane (C22)	13.638	729811	5.188 ug/ml
14) T n-Tetracosane (C24)	14.733	717760	5.173 ug/ml
15) T n-Hexacosane (C26)	15.747	688630	5.152 ug/ml
16) T n-Octacosane (C28)	16.691	667922	5.169 ug/ml
17) T n-Tricontane (C30)	17.572	640634	5.157 ug/ml
18) T n-Dotriacontane (C32)	18.399	652260	5.320 ug/ml
19) T n-Tetratriacontane (C34)	19.175	606420	5.151 ug/ml
20) T n-Hexatriacontane (C36)	19.911	564179	5.115 ug/ml
21) T n-Octatriacontane (C38)	20.615	533499	5.000 ug/ml
22) T n-Tetracontane (C40)	21.454	486811	4.825 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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