

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046388.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 14:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:54:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:54:46 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)	11.820	968152	5.236 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	13.264	737340	5.182 ug/ml
Spiked Amount 50.000		Recovery =	10.36%
Target Compounds			
1) T n-Nonane (C9)	3.212	840721	5.205 ug/ml
2) T n-Decane (C10)	4.461	839534	5.123 ug/ml
3) T A~Naphthalene (C11.7)	6.169	808755	4.730 ug/ml
4) T n-Dodecane (C12)	6.627	838186	5.067 ug/ml
5) T A~2-methylnaphthalene...	7.267	706607	4.430 ug/ml
6) T n-Tetradecane (C14)	8.454	838120	5.114 ug/ml
7) T n-Hexadecane (C16)	10.064	880155	5.151 ug/ml
8) T n-Octadecane (C18)	11.506	904785	5.190 ug/ml
10) T n-Eicosane (C20)	12.817	896276	5.279 ug/ml
11) T n-Heneicosane (C21)	13.429	871649	5.226 ug/ml
13) T n-Docosane (C22)	14.016	865353	5.223 ug/ml
14) T n-Tetracosane (C24)	15.121	864837	5.241 ug/ml
15) T n-Hexacosane (C26)	16.144	845128	5.236 ug/ml
16) T n-Octacosane (C28)	17.095	828964	5.281 ug/ml
17) T n-Tricontane (C30)	17.984	831678	5.310 ug/ml
18) T n-Dotriacontane (C32)	18.819	828762	5.483 ug/ml
19) T n-Tetratriacontane (C34)	19.606	755864	5.329 ug/ml
20) T n-Hexatriacontane (C36)	20.348	775994	5.627 ug/mlm
21) T n-Octatriacontane (C38)	21.076	706910	5.514 ug/ml
22) T n-Tetracontane (C40)	21.965	722144	5.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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