

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048959.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 17:17
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 25 05:54:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:52:04 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)	11.241	962625	4.836 ug/ml
Spiked Amount 50.000		Recovery =	9.67%
12) S 1-chlorooctadecane (S...	12.683	729696	4.825 ug/ml
Spiked Amount 50.000		Recovery =	9.65%
Target Compounds			
1) T n-Nonane (C9)	3.109	796124	4.879 ug/ml
2) T n-Decane (C10)	4.153	807517	4.849 ug/ml
3) T A~Naphthalene (C11.7)	5.706	773975	4.365 ug/ml
4) T n-Dodecane (C12)	6.144	822516	4.862 ug/ml
5) T A~2-methylnaphthalene...	6.760	660675	3.894 ug/ml
6) T n-Tetradecane (C14)	7.925	817393	4.824 ug/ml
7) T n-Hexadecane (C16)	9.514	854999	4.820 ug/ml
8) T n-Octadecane (C18)	10.943	878881	4.843 ug/ml
10) T n-Eicosane (C20)	12.245	873103	4.936 ug/ml
11) T n-Heneicosane (C21)	12.852	865461	4.955 ug/ml
13) T n-Docosane (C22)	13.435	864209	4.962 ug/ml
14) T n-Tetracosane (C24)	14.532	871301	5.006 ug/ml
15) T n-Hexacosane (C26)	15.547	858158	5.015 ug/ml
16) T n-Octacosane (C28)	16.492	887513	5.255 ug/ml
17) T n-Tricontane (C30)	17.374	975826	5.671 ug/ml
18) T n-Dotriacontane (C32)	18.202	947482	5.780 ug/ml
19) T n-Tetratriacontane (C34)	18.981	785370	5.642 ug/ml
20) T n-Hexatriacontane (C36)	19.716	622331	5.367 ug/ml
21) T n-Octatriacontane (C38)	20.414	536112	5.110 ug/ml
22) T n-Tetracontane (C40)	21.195	486623	5.011 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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