

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047124.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 12:05
 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 09 13:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 09 13:21:57 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)	11.357	969794	5.217 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	12.793	750789	5.224 ug/ml
Spiked Amount 50.000		Recovery =	10.45%
Target Compounds			
1) T n-Nonane (C9)	3.200	837369	5.272 ug/ml
2) T n-Decane (C10)	4.252	841697	5.210 ug/ml
3) T A~Naphthalene (C11.7)	5.810	902434	5.109 ug/ml
4) T n-Dodecane (C12)	6.251	857031	5.222 ug/ml
5) T A~2-methylnaphthalene...	6.857	845261	4.975 ug/ml
6) T n-Tetradecane (C14)	8.033	854140	5.200 ug/ml
7) T n-Hexadecane (C16)	9.624	885325	5.193 ug/ml
8) T n-Octadecane (C18)	11.055	906945	5.210 ug/ml
10) T n-Eicosane (C20)	12.355	890931	5.253 ug/ml
11) T n-Heneicosane (C21)	12.963	884035	5.272 ug/ml
13) T n-Docosane (C22)	13.544	879571	5.260 ug/ml
14) T n-Tetracosane (C24)	14.638	881233	5.282 ug/ml
15) T n-Hexacosane (C26)	15.652	865943	5.291 ug/ml
16) T n-Octacosane (C28)	16.594	842691	5.310 ug/ml
17) T n-Tricontane (C30)	17.474	853149	5.387 ug/ml
18) T n-Dotriacontane (C32)	18.299	817483	5.414 ug/ml
19) T n-Tetratriacontane (C34)	19.077	785825	5.481 ug/ml
20) T n-Hexatriacontane (C36)	19.809	714209	5.354 ug/ml
21) T n-Octatriacontane (C38)	20.507	674118	5.277 ug/ml
22) T n-Tetracontane (C40)	21.313	597723	4.996 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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