

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111424AL\
 Data File : FC067752.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 13:03
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
 Quant Time: Nov 14 14:12:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:12:01 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)	11.486	1011043	5.215 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	12.926	759794	5.234 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
Target Compounds			
1) T n-Nonane (C9)	3.272	843654	5.172 ug/ml
2) T n-Decane (C10)	4.334	849229	5.121 ug/ml
3) T A~Naphthalene (C11.7)	5.911	932344	5.090 ug/ml
4) T n-Dodecane (C12)	6.348	863286	5.126 ug/ml
5) T A~2-methylnaphthalene...	6.965	888961	5.012 ug/ml
6) T n-Tetradecane (C14)	8.139	856517	5.114 ug/ml
7) T n-Hexadecane (C16)	9.737	887432	5.121 ug/ml
8) T n-Octadecane (C18)	11.176	913982	5.195 ug/ml
10) T n-Eicosane (C20)	12.482	889327	5.281 ug/ml
11) T n-Heneicosane (C21)	13.094	873353	5.308 ug/ml
13) T n-Docosane (C22)	13.679	876194	5.380 ug/ml
14) T n-Tetracosane (C24)	14.780	890863	5.555 ug/ml
15) T n-Hexacosane (C26)	15.799	863791	5.578 ug/ml
16) T n-Octacosane (C28)	16.747	857935	5.681 ug/ml
17) T n-Tricontane (C30)	17.633	893915	5.838 ug/ml
18) T n-Dotriacontane (C32)	18.465	878383	5.947 ug/ml
19) T n-Tetratriacontane (C34)	19.245	725252	5.750 ug/ml
20) T n-Hexatriacontane (C36)	19.986	583478	5.580 ug/mlm
21) T n-Octatriacontane (C38)	20.705	529758	5.423 ug/ml
22) T n-Tetracontane (C40)	21.585	569616	5.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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