

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013833.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 21:38
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e
 Quant Time: Dec 12 06:35:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:35:51 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)	11.870	748300	5.078 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
12) S 1-chlorooctadecane (S...	13.311	519401	4.879 ug/ml
Spiked Amount 50.000		Recovery =	9.76%
Target Compounds			
1) T n-Nonane (C9)	3.266	614877	5.101 ug/ml
2) T n-Decane (C10)	4.516	617260	5.072 ug/ml
3) T A~Naphthalene (C11.7)	6.214	630810	4.873 ug/ml
4) T n-Dodecane (C12)	6.680	618606	5.044 ug/ml
5) T A~2-methylnaphthalene...	7.308	593609	4.729 ug/ml
6) T n-Tetradecane (C14)	8.507	597256	4.967 ug/ml
7) T n-Hexadecane (C16)	10.113	611432	4.999 ug/ml
8) T n-Octadecane (C18)	11.556	615835	5.004 ug/ml
10) T n-Eicosane (C20)	12.867	598349	4.999 ug/ml
11) T n-Heneicosane (C21)	13.479	591295	5.013 ug/ml
13) T n-Docosane (C22)	14.065	586617	5.031 ug/mlm
14) T n-Tetracosane (C24)	15.170	578288	5.054 ug/ml
15) T n-Hexacosane (C26)	16.192	575221	5.137 ug/ml
16) T n-Octacosane (C28)	17.143	578773	5.273 ug/ml
17) T n-Tricontane (C30)	18.031	597923	5.382 ug/ml
18) T n-Dotriacontane (C32)	18.864	603333	5.426 ug/ml
19) T n-Tetratriacontane (C34)	19.648	567733	5.271 ug/ml
20) T n-Hexatriacontane (C36)	20.388	561791	5.055 ug/ml
21) T n-Octatriacontane (C38)	21.118	567782	5.193 ug/ml
22) T n-Tetracontane (C40)	22.009	587062	5.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

