

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014493.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 21:28
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
 Quant Time: Sep 11 08:03:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:02:45 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)	11.800	739972	5.222 ug/ml
Spiked Amount 50.000		Recovery =	10.44%
12) S 1-chlorooctadecane (S...	13.247	518845	4.939 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
Target Compounds			
1) T n-Nonane (C9)	3.206	598218	5.098 ug/ml
2) T n-Decane (C10)	4.454	591767	5.006 ug/ml
3) T A~Naphthalene (C11.7)	6.152	555369	4.587 ug/ml
4) T n-Dodecane (C12)	6.619	617069	5.073 ug/ml
5) T A~2-methylnaphthalene...	7.251	438859	4.037 ug/ml
6) T n-Tetradecane (C14)	8.446	572849	4.871 ug/ml
7) T n-Hexadecane (C16)	10.051	563815	4.720 ug/ml
8) T n-Octadecane (C18)	11.493	631198	5.000 ug/ml
10) T n-Eicosane (C20)	12.801	647175	5.167 ug/ml
11) T n-Heneicosane (C21)	13.412	641187	5.178 ug/ml
13) T n-Docosane (C22)	13.999	627763	5.131 ug/ml
14) T n-Tetracosane (C24)	15.102	622558	5.129 ug/ml
15) T n-Hexacosane (C26)	16.122	616943	5.177 ug/ml
16) T n-Octacosane (C28)	17.071	601777	5.201 ug/ml
17) T n-Tricontane (C30)	17.958	622900	5.314 ug/ml
18) T n-Dotriacontane (C32)	18.790	591634	5.318 ug/ml
19) T n-Tetratriacontane (C34)	19.575	499618	5.208 ug/ml
20) T n-Hexatriacontane (C36)	20.318	405505	5.013 ug/ml
21) T n-Octatriacontane (C38)	21.044	357569	4.855 ug/mlm
22) T n-Tetracontane (C40)	21.927	299434	4.778 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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