

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
 Data File : FE050078.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2024 19:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2024
 Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e
 Quant Time: Sep 13 01:21:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.874	3006702	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.309	2287313	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.263	2696111	19.891 ug/ml
2) T n-Decane (C10)	4.514	2770764	20.076 ug/ml
3) T A~Naphthalene (C11.7)	6.223	2864331	20.464 ug/ml
4) T n-Dodecane (C12)	6.681	2778251	20.091 ug/ml
5) T A~2-methylnaphthalene...	7.318	2682417	20.408 ug/ml
6) T n-Tetradecane (C14)	8.508	2749473	20.191 ug/ml
7) T n-Hexadecane (C16)	10.114	2821624	20.314 ug/ml
8) T n-Octadecane (C18)	11.556	2837480	20.253 ug/ml
10) T n-Eicosane (C20)	12.864	2710378	20.205 ug/ml
11) T n-Heneicosane (C21)	13.474	2657958	20.228 ug/ml
13) T n-Docosane (C22)	14.060	2640018	20.274 ug/ml
14) T n-Tetracosane (C24)	15.161	2638444	20.204 ug/ml
15) T n-Hexacosane (C26)	16.181	2590183	20.245 ug/ml
16) T n-Octacosane (C28)	17.128	2624315	20.374 ug/mlm
17) T n-Tricontane (C30)	18.016	2743075	20.513 ug/ml
18) T n-Dotriacontane (C32)	18.848	2735242	20.526 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2571379	20.811 ug/ml
20) T n-Hexatriacontane (C36)	20.369	2379195	21.444 ug/mlm
21) T n-Octatriacontane (C38)	21.094	2180828	19.775 ug/ml
22) T n-Tetracontane (C40)	21.984	2016023	18.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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