

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050423.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 21:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 00:18:47 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)	11.864	2587966	17.395 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	13.298	1979412	17.622 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T n-Nonane (C9)	3.253	2329171	17.184 ug/ml
2) T n-Decane (C10)	4.504	2432044	17.622 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2466519	17.622 ug/ml
4) T n-Dodecane (C12)	6.670	2437627	17.628 ug/mlm
5) T A~2-methylnaphthalene...	7.309	2310964	17.582 ug/ml
6) T n-Tetradecane (C14)	8.498	2427794	17.829 ug/ml
7) T n-Hexadecane (C16)	10.103	2516738	18.119 ug/ml
8) T n-Octadecane (C18)	11.545	2544799	18.164 ug/ml
10) T n-Eicosane (C20)	12.852	2422606	18.060 ug/mlm
11) T n-Heneicosane (C21)	13.463	2378156	18.099 ug/ml
13) T n-Docosane (C22)	14.049	2370203	18.202 ug/ml
14) T n-Tetracosane (C24)	15.150	2407963	18.439 ug/ml
15) T n-Hexacosane (C26)	16.169	2388577	18.670 ug/mlm
16) T n-Octacosane (C28)	17.119	2497369	19.388 ug/mlm
17) T n-Tricontane (C30)	18.004	2727662	20.398 ug/ml
18) T n-Dotriacontane (C32)	18.837	2858091	21.448 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	2812349	22.761 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2732211	24.626 ug/ml
21) T n-Octatriacontane (C38)	21.081	2605580	23.627 ug/mlm
22) T n-Tetracontane (C40)	21.966	2336564	21.473 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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