

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
 Data File : FE050118.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2024 14:22
 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 09/17/2024
 Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
 Quant Time: Sep 17 01:39:15 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)	11.876	2781689	18.697 ug/ml
Spiked Amount	50.000	Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.311	2110069	18.785 ug/ml
Spiked Amount	50.000	Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.264	2533641	18.692 ug/ml
2) T n-Decane (C10)	4.515	2608549	18.901 ug/ml
3) T A~Naphthalene (C11.7)	6.225	2657616	18.987 ug/ml
4) T n-Dodecane (C12)	6.683	2617372	18.928 ug/ml
5) T A~2-methylnaphthalene...	7.321	2495555	18.987 ug/ml
6) T n-Tetradecane (C14)	8.510	2574897	18.909 ug/ml
7) T n-Hexadecane (C16)	10.116	2626469	18.909 ug/ml
8) T n-Octadecane (C18)	11.557	2633739	18.799 ug/ml
10) T n-Eicosane (C20)	12.865	2514738	18.746 ug/ml
11) T n-Heneicosane (C21)	13.476	2470297	18.800 ug/ml
13) T n-Docosane (C22)	14.061	2444493	18.772 ug/ml
14) T n-Tetracosane (C24)	15.164	2447871	18.745 ug/ml
15) T n-Hexacosane (C26)	16.183	2408364	18.824 ug/ml
16) T n-Octacosane (C28)	17.132	2459175	19.092 ug/ml
17) T n-Tricontane (C30)	18.018	2591192	19.378 ug/ml
18) T n-Dotriacontane (C32)	18.850	2620365	19.664 ug/ml
19) T n-Tetratriacontane (C34)	19.633	2409867	19.503 ug/ml
20) T n-Hexatriacontane (C36)	20.372	2195888	19.792 ug/mlm
21) T n-Octatriacontane (C38)	21.098	2104772	19.086 ug/ml
22) T n-Tetracontane (C40)	21.991	2062411	18.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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