

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092624AL\
 Data File : FE050371.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2024 07:27
 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 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 01:33:18 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)	11.867	2574587	17.305 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
12) S 1-chlorooctadecane (S...	13.301	1963117	17.477 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
Target Compounds			
1) T n-Nonane (C9)	3.256	2322476	17.134 ug/ml
2) T n-Decane (C10)	4.507	2408299	17.450 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2452770	17.524 ug/ml
4) T n-Dodecane (C12)	6.673	2426414	17.547 ug/mlm
5) T A~2-methylnaphthalene...	7.313	2293855	17.452 ug/ml
6) T n-Tetradecane (C14)	8.501	2409456	17.694 ug/ml
7) T n-Hexadecane (C16)	10.106	2498396	17.987 ug/ml
8) T n-Octadecane (C18)	11.548	2520655	17.992 ug/ml
10) T n-Eicosane (C20)	12.855	2410531	17.970 ug/mlm
11) T n-Heneicosane (C21)	13.467	2366927	18.014 ug/ml
13) T n-Docosane (C22)	14.052	2356608	18.098 ug/ml
14) T n-Tetracosane (C24)	15.153	2379836	18.224 ug/ml
15) T n-Hexacosane (C26)	16.173	2363316	18.472 ug/mlm
16) T n-Octacosane (C28)	17.121	2458772	19.088 ug/ml
17) T n-Tricontane (C30)	18.008	2670725	19.972 ug/ml
18) T n-Dotriacontane (C32)	18.840	2769357	20.782 ug/ml
19) T n-Tetratriacontane (C34)	19.622	2754337	22.291 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2680819	24.162 ug/ml
21) T n-Octatriacontane (C38)	21.084	2614255	23.706 ug/mlm
22) T n-Tetracontane (C40)	21.972	2375481	21.831 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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