

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE049993.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 08:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Sep 10 11:46:06 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	3025694	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	13.309	2342546	20.855 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.260	2792227	20.600 ug/mlm
2) T n-Decane (C10)	4.511	2845000	20.614 ug/ml
3) T A~Naphthalene (C11.7)	6.220	2914684	20.824 ug/ml
4) T n-Dodecane (C12)	6.680	2854851	20.645 ug/ml
5) T A~2-methylnaphthalene...	7.317	2751369	20.933 ug/ml
6) T n-Tetradecane (C14)	8.508	2807600	20.618 ug/ml
7) T n-Hexadecane (C16)	10.114	2913009	20.972 ug/ml
8) T n-Octadecane (C18)	11.555	2915247	20.808 ug/ml
10) T n-Eicosane (C20)	12.864	2788757	20.789 ug/ml
11) T n-Heneicosane (C21)	13.475	2742969	20.875 ug/ml
13) T n-Docosane (C22)	14.061	2704387	20.768 ug/ml
14) T n-Tetracosane (C24)	15.163	2719195	20.822 ug/ml
15) T n-Hexacosane (C26)	16.183	2650436	20.716 ug/ml
16) T n-Octacosane (C28)	17.131	2672737	20.750 ug/ml
17) T n-Tricontane (C30)	18.019	2747827	20.549 ug/ml
18) T n-Dotriacontane (C32)	18.850	2723021	20.434 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2514691	20.352 ug/ml
20) T n-Hexatriacontane (C36)	20.371	2262064	20.388 ug/mlm
21) T n-Octatriacontane (C38)	21.099	2244991	20.357 ug/ml
22) T n-Tetracontane (C40)	21.988	2218144	20.385 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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