

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524AL\
 Data File : FE049465.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2024 22:30
 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 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 02:04:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.893	3040387	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.327	2305064	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.282	2866379	19.060 ug/ml
2) T n-Decane (C10)	4.532	2962775	19.182 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3022353	19.399 ug/ml
4) T n-Dodecane (C12)	6.699	2967005	19.269 ug/ml
5) T A~2-methylnaphthalene...	7.334	2814966	19.343 ug/mlm
6) T n-Tetradecane (C14)	8.527	2948089	19.424 ug/ml
7) T n-Hexadecane (C16)	10.133	2953224	19.473 ug/ml
8) T n-Octadecane (C18)	11.575	2961313	19.504 ug/ml
10) T n-Eicosane (C20)	12.883	2808926	19.425 ug/ml
11) T n-Heneicosane (C21)	13.494	2756229	19.436 ug/ml
13) T n-Docosane (C22)	14.079	2743159	19.525 ug/ml
14) T n-Tetracosane (C24)	15.181	2752178	19.637 ug/ml
15) T n-Hexacosane (C26)	16.201	2739476	19.537 ug/ml
16) T n-Octacosane (C28)	17.150	2730785	19.510 ug/ml
17) T n-Tricontane (C30)	18.037	2821668	19.343 ug/ml
18) T n-Dotriacontane (C32)	18.867	2828804	19.239 ug/ml
19) T n-Tetratriacontane (C34)	19.650	2851601	19.522 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2886869	20.026 ug/ml
21) T n-Octatriacontane (C38)	21.119	2934796	19.606 ug/ml
22) T n-Tetracontane (C40)	22.014	2917073	19.331 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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