

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039539.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2022 00:59
 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 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 03:11:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.925	3087663	20.690 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	13.361	2383412	20.708 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.326	2660841	20.585 ug/ml
2) T n-Decane (C10)	4.572	2647038	20.774 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2955486	20.445 ug/ml
4) T n-Dodecane (C12)	6.734	2682042	20.659 ug/ml
5) T A~2-methylnaphthalene...	7.367	2771649	20.465 ug/ml
6) T n-Tetradecane (C14)	8.560	2737988	20.662 ug/ml
7) T n-Hexadecane (C16)	10.165	2839753	20.642 ug/ml
8) T n-Octadecane (C18)	11.608	2895947	20.676 ug/ml
10) T n-Eicosane (C20)	12.916	2823370	20.683 ug/ml
11) T n-Heneicosane (C21)	13.529	2826994	20.727 ug/mlm
13) T n-Docosane (C22)	14.114	2809262	20.767 ug/ml
14) T n-Tetracosane (C24)	15.217	2809917	20.932 ug/ml
15) T n-Hexacosane (C26)	16.236	2738435	21.031 ug/ml
16) T n-Octacosane (C28)	17.185	2745227	21.330 ug/ml
17) T n-Tricontane (C30)	18.073	2855326	22.177 ug/mlm
18) T n-Dotriacontane (C32)	18.907	2878897	22.231 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2688428	21.309 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2470697	20.433 ug/mlm
21) T n-Octatriacontane (C38)	21.164	2385333	19.315 ug/ml
22) T n-Tetracontane (C40)	22.072f	2365001	18.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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