

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039510.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 09:13
 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 12/28/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 28 11:13:39 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)	11.927	3291220	22.054 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
12) S 1-chlorooctadecane (S...	13.363	2520155	21.896 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T n-Nonane (C9)	3.326	2814395	21.773 ug/ml
2) T n-Decane (C10)	4.573	2797994	21.959 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3125760	21.623 ug/ml
4) T n-Dodecane (C12)	6.735	2832224	21.816 ug/ml
5) T A~2-methylnaphthalene...	7.369	2936064	21.679 ug/ml
6) T n-Tetradecane (C14)	8.560	2881020	21.742 ug/ml
7) T n-Hexadecane (C16)	10.168	2989881	21.733 ug/ml
8) T n-Octadecane (C18)	11.609	3052920	21.797 ug/ml
10) T n-Eicosane (C20)	12.918	2989820	21.902 ug/ml
11) T n-Heneicosane (C21)	13.530	2997663	21.978 ug/mlm
13) T n-Docosane (C22)	14.116	2991304	22.113 ug/ml
14) T n-Tetracosane (C24)	15.218	3016073	22.468 ug/ml
15) T n-Hexacosane (C26)	16.239	2941416	22.590 ug/ml
16) T n-Octacosane (C28)	17.189	2956875	22.975 ug/ml
17) T n-Tricontane (C30)	18.076	3046745	23.664 ug/mlm
18) T n-Dotriacontane (C32)	18.909	3046578	23.526 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2843227	22.536 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2598990	21.494 ug/mlm
21) T n-Octatriacontane (C38)	21.168	2558470	20.717 ug/ml
22) T n-Tetracontane (C40)	22.077	2460187	19.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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