

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123022AL\
 Data File : FE039600.D
 Signal(s) : FID1B.ch
 Acq On : 31 Dec 2022 02:28
 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 01/03/2023
 Supervised By :Ankita Jodhani 01/03/2023

Integration File: autoint1.e
 Quant Time: Jan 02 05:31:37 2023
 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	2789201	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.362	2169726	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.320	2222392	17.193 ug/ml
2) T n-Decane (C10)	4.570	2214115	17.376 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2550155	17.641 ug/ml
4) T n-Dodecane (C12)	6.734	2264193	17.440 ug/ml
5) T A~2-methylnaphthalene...	7.368	2417876	17.853 ug/ml
6) T n-Tetradecane (C14)	8.561	2347727	17.717 ug/ml
7) T n-Hexadecane (C16)	10.167	2484621	18.060 ug/ml
8) T n-Octadecane (C18)	11.609	2571455	18.359 ug/ml
10) T n-Eicosane (C20)	12.917	2547351	18.661 ug/ml
11) T n-Heneicosane (C21)	13.527	2554213	18.727 ug/mlm
13) T n-Docosane (C22)	14.116	2558443	18.913 ug/ml
14) T n-Tetracosane (C24)	15.219	2580233	19.221 ug/ml
15) T n-Hexacosane (C26)	16.240	2540761	19.513 ug/ml
16) T n-Octacosane (C28)	17.190	2590176	20.125 ug/ml
17) T n-Tricontane (C30)	18.078	2724548	21.162 ug/mlm
18) T n-Dotriacontane (C32)	18.910	2771985	21.405 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2597794	20.591 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2393776	19.797 ug/mlm
21) T n-Octatriacontane (C38)	21.170	2304906	18.664 ug/mlm
22) T n-Tetracontane (C40)	22.078	2417801	19.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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