

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121724AL\
 Data File : FC068033.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2024 03:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 18 04:54:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.440	3250379	18.798 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	12.881	2419183	18.960 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.228	2897215	18.648 ug/ml
2) T n-Decane (C10)	4.289	2975156	18.768 ug/ml
3) T A~Naphthalene (C11.7)	5.862	3294203	18.869 ug/ml
4) T n-Dodecane (C12)	6.302	3021605	18.766 ug/ml
5) T A~2-methylnaphthalene...	6.917	3177103	18.962 ug/ml
6) T n-Tetradecane (C14)	8.094	2984312	18.770 ug/ml
7) T n-Hexadecane (C16)	9.692	3040298	18.819 ug/ml
8) T n-Octadecane (C18)	11.132	3007698	18.735 ug/ml
10) T n-Eicosane (C20)	12.439	2829631	18.810 ug/ml
11) T n-Heneicosane (C21)	13.050	2751206	18.829 ug/ml
13) T n-Docosane (C22)	13.636	2718636	18.992 ug/ml
14) T n-Tetracosane (C24)	14.736	2675503	19.255 ug/ml
15) T n-Hexacosane (C26)	15.756	2609458	19.513 ug/ml
16) T n-Octacosane (C28)	16.705	2651118	20.439 ug/ml
17) T n-Tricontane (C30)	17.591	2855777	22.045 ug/ml
18) T n-Dotriacontane (C32)	18.423	2840372	22.927 ug/mlm
19) T n-Tetratriacontane (C34)	19.205	2450178	22.448 ug/ml
20) T n-Hexatriacontane (C36)	19.945	2078756	21.972 ug/mlm
21) T n-Octatriacontane (C38)	20.659	1901224	21.017 ug/mlm
22) T n-Tetracontane (C40)	21.529	1799553	20.417 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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