

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054450.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 23:17
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

mohammad
 6/28/2021 12:56:35 PM

Integration File: autoint1.e
 Quant Time: Jun 26 01:55:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 01:54:25 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.329	719382	5.344 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
12) S 1-chlorooctadecane (S...	12.773	562143	5.277 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
Target Compounds			
1) T n-Nonane (C9)	3.143	583933	5.150 ug/ml
2) T n-Decane (C10)	4.198	586292	5.128 ug/ml
3) T A~Naphthalene (C11.7)	5.767	623076	4.910 ug/ml
4) T n-Dodecane (C12)	6.205	595130	5.161 ug/ml
5) T A~2-methylnaphthalene...	6.819	607427	4.719 ug/ml
6) T n-Tetradecane (C14)	7.993	599316	5.105 ug/ml
7) T n-Hexadecane (C16)	9.588	628084	5.278 ug/ml
8) T n-Octadecane (C18)	11.026	651677	5.301 ug/ml
10) T n-Eicosane (C20)	12.332	660552	5.330 ug/ml
11) T n-Heneicosane (C21)	12.942	674412	5.332 ug/ml
13) T n-Docosane (C22)	13.527	674269	5.344 ug/ml
14) T n-Tetracosane (C24)	14.628	690445	5.348 ug/ml
15) T n-Hexacosane (C26)	15.645	695869	5.386 ug/ml
16) T n-Octacosane (C28)	16.594	710209	5.424 ug/ml
17) T n-Tricontane (C30)	17.479	744948	5.667 ug/ml
18) T n-Dotriacontane (C32)	18.311	762835	5.925 ug/ml
19) T n-Tetratriacontane (C34)	19.093	748742	5.766 ug/ml
20) T n-Hexatriacontane (C36)	19.833	685602	5.887 ug/mlm
21) T n-Octatriacontane (C38)	20.537	615817	5.688 ug/ml
22) T n-Tetracontane (C40)	21.356	604461	5.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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