

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055921.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2021 9:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 9/30/2021 11:12:13 AM

Integration File: autoint1.e
 Quant Time: Sep 30 10:45:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.651	2152949	18.144 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
12) S 1-chlorooctadecane (S...	13.083	1656418	18.029 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.400	2138012	20.035 ug/ml
2) T n-Decane (C10)	4.471	2150962	20.122 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2380962	19.788 ug/ml
4) T n-Dodecane (C12)	6.491	2154367	19.849 ug/ml
5) T A~2-methylnaphthalene...	7.123	2364995	19.469 ug/ml
6) T n-Tetradecane (C14)	8.287	2133673	19.286 ug/ml
7) T n-Hexadecane (C16)	9.887	2088264	18.866 ug/ml
8) T n-Octadecane (C18)	11.329	2074465	18.535 ug/ml
10) T n-Eicosane (C20)	12.637	1987261	18.194 ug/ml
11) T n-Heneicosane (C21)	13.249	1973920	18.155 ug/ml
13) T n-Docosane (C22)	13.835	1923237	18.008 ug/ml
14) T n-Tetracosane (C24)	14.938	1867948	17.863 ug/ml
15) T n-Hexacosane (C26)	15.957	1799954	17.915 ug/ml
16) T n-Octacosane (C28)	16.906	1762684	18.223 ug/ml
17) T n-Tricontane (C30)	17.793	1750980	18.871 ug/ml
18) T n-Dotriacontane (C32)	18.623	1709385	19.227 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1709498	19.766 ug/mlm
20) T n-Hexatriacontane (C36)	20.143	1781366	21.803 ug/ml
21) T n-Octatriacontane (C38)	20.886	1714886	21.520 ug/ml
22) T n-Tetracontane (C40)	21.813	1663364	20.750 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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