

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101620AL\
 Data File : FC050181.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2020 1:20
 Operator : DD\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

Ankita
 10/19/2020 3:08:58 PM

Integration File: autoint1.e
 Quant Time: Oct 17 02:31:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.637	2115432	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.070	1640741	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.378	2031878	20.504 ug/ml
2) T n-Decane (C10)	4.450	2043190	20.522 ug/ml
3) T A~Naphthalene (C11.7)	6.045	2209144	20.043 ug/ml
4) T n-Dodecane (C12)	6.472	2049260	20.309 ug/ml
5) T A~2-methylnaphthalene...	7.104	2228575	20.022 ug/ml
6) T n-Tetradecane (C14)	8.270	2020002	20.164 ug/ml
7) T n-Hexadecane (C16)	9.871	1969131	19.980 ug/ml
8) T n-Octadecane (C18)	11.315	2014798	19.509 ug/ml
10) T n-Eicosane (C20)	12.624	1983639	19.063 ug/ml
11) T n-Heneicosane (C21)	13.236	1957908	18.841 ug/ml
13) T n-Docosane (C22)	13.822	1936517	18.655 ug/ml
14) T n-Tetracosane (C24)	14.925	1896192	18.256 ug/ml
15) T n-Hexacosane (C26)	15.945	1847062	17.924 ug/ml
16) T n-Octacosane (C28)	16.894	1817922	17.566 ug/ml
17) T n-Tricontane (C30)	17.780	1783631	17.478 ug/mlm
18) T n-Dotriacontane (C32)	18.612	1685200	17.542 ug/mlm
19) T n-Tetratriacontane (C34)	19.394	1648680	17.974 ug/mlm
20) T n-Hexatriacontane (C36)	20.133	1543777	17.429 ug/mlm
21) T n-Octatriacontane (C38)	20.882	1712163	20.764 ug/mlm
22) T n-Tetracontane (C40)	21.818	1665533	19.918 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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