

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057510.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 1:49
 Operator : AJ\MA
 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 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 11:13:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.831	2484437	17.854 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	12.268	1944091	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
1) T n-Nonane (C9)	2.694	2288318	18.522 ug/ml
2) T n-Decane (C10)	3.700	2320765	18.632 ug/ml
3) T A~Naphthalene (C11.7)	5.259	2589419	18.665 ug/ml
4) T n-Dodecane (C12)	5.687	2329848	18.866 ug/ml
5) T A~2-methylnaphthalene...	6.307	2613768	18.691 ug/ml
6) T n-Tetradecane (C14)	7.477	2341301	18.908 ug/ml
7) T n-Hexadecane (C16)	9.075	2336002	18.630 ug/ml
8) T n-Octadecane (C18)	10.516	2369024	18.302 ug/ml
10) T n-Eicosane (C20)	11.825	2318335	17.845 ug/ml
11) T n-Heneicosane (C21)	12.437	2322806	17.699 ug/ml
13) T n-Docosane (C22)	13.022	2282396	17.365 ug/ml
14) T n-Tetracosane (C24)	14.124	2231188	16.776 ug/ml
15) T n-Hexacosane (C26)	15.144	2131396	16.254 ug/ml
16) T n-Octacosane (C28)	16.092	2078788	15.808 ug/ml
17) T n-Tricontane (C30)	16.977	2051619	15.012 ug/mlm
18) T n-Dotriacontane (C32)	17.811	2073446	15.464 ug/mlm
19) T n-Tetratriacontane (C34)	18.595	2012487	15.434 ug/ml
20) T n-Hexatriacontane (C36)	19.334	1926265	16.223 ug/ml
21) T n-Octatriacontane (C38)	20.061	1918206	17.465 ug/ml
22) T n-Tetracontane (C40)	20.950	1933347	19.364 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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