

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057489.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 14:06
 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 06:03:51 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)	10.838	2451164	17.614 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	12.275	1932571	17.451 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	2.700	2173373	17.591 ug/mlm
2) T n-Decane (C10)	3.707	2195181	17.624 ug/ml
3) T A~Naphthalene (C11.7)	5.267	2451843	17.673 ug/mlm
4) T n-Dodecane (C12)	5.695	2184923	17.692 ug/ml
5) T A~2-methylnaphthalene...	6.315	2472436	17.680 ug/ml
6) T n-Tetradecane (C14)	7.484	2199678	17.764 ug/ml
7) T n-Hexadecane (C16)	9.083	2204560	17.582 ug/ml
8) T n-Octadecane (C18)	10.523	2273714	17.566 ug/ml
10) T n-Eicosane (C20)	11.831	2269448	17.469 ug/ml
11) T n-Heneicosane (C21)	12.442	2313392	17.627 ug/ml
13) T n-Docosane (C22)	13.028	2298841	17.490 ug/ml
14) T n-Tetracosane (C24)	14.130	2315823	17.412 ug/ml
15) T n-Hexacosane (C26)	15.150	2293733	17.492 ug/ml
16) T n-Octacosane (C28)	16.098	2298523	17.479 ug/ml
17) T n-Tricontane (C30)	16.988	2330902	17.055 ug/ml
18) T n-Dotriacontane (C32)	17.820	2297843	17.138 ug/ml
19) T n-Tetratriacontane (C34)	18.602	2205251	16.912 ug/ml
20) T n-Hexatriacontane (C36)	19.341	2063551	17.379 ug/mlm
21) T n-Octatriacontane (C38)	20.069	1936761	17.634 ug/ml
22) T n-Tetracontane (C40)	20.959	1829277	18.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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