

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC055020.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 8:43
 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

mohammad
 8/5/2021 5:03:26 PM

Integration File: autoint1.e
 Quant Time: Aug 05 09:13:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.307	2538007	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.748	1970199	19.880 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.138	2235758	21.381 ug/ml
2) T n-Decane (C10)	4.188	2287441	21.722 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2408454	22.165 ug/ml
4) T n-Dodecane (C12)	6.191	2355790	21.694 ug/ml
5) T A~2-methylnaphthalene...	6.804	2427564	22.243 ug/ml
6) T n-Tetradecane (C14)	7.976	2403614	21.531 ug/ml
7) T n-Hexadecane (C16)	9.568	2422591	21.241 ug/ml
8) T n-Octadecane (C18)	11.004	2444908	20.733 ug/ml
10) T n-Eicosane (C20)	12.308	2371277	20.198 ug/ml
11) T n-Heneicosane (C21)	12.917	2359161	19.980 ug/ml
13) T n-Docosane (C22)	13.502	2317977	19.846 ug/ml
14) T n-Tetracosane (C24)	14.600	2246346	19.407 ug/ml
15) T n-Hexacosane (C26)	15.619	2118711	18.905 ug/ml
16) T n-Octacosane (C28)	16.565	2051995	18.900 ug/ml
17) T n-Tricontane (C30)	17.450	1972153	18.888 ug/ml
18) T n-Dotriacontane (C32)	18.280	1893947	19.124 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1870488	19.735 ug/mlm
20) T n-Hexatriacontane (C36)	19.799	1800825	19.928 ug/mlm
21) T n-Octatriacontane (C38)	20.501	1796471	20.792 ug/mlm
22) T n-Tetracontane (C40)	21.311	1851687	20.793 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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