

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050125AL\
 Data File : FC068729.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2025 11:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 02 03:32:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.714	2318251	18.205 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.147	1652496	17.789 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.443	1947683	18.492 ug/ml
2) T n-Decane (C10)	4.519	1951049	18.518 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2150551	18.466 ug/ml
4) T n-Dodecane (C12)	6.544	1924843	18.303 ug/ml
5) T A~2-methylnaphthalene...	7.175	2113317	18.297 ug/ml
6) T n-Tetradecane (C14)	8.342	1856124	18.055 ug/ml
7) T n-Hexadecane (C16)	9.946	1827192	17.942 ug/ml
8) T n-Octadecane (C18)	11.389	1806078	17.947 ug/ml
10) T n-Eicosane (C20)	12.701	1763466	17.929 ug/ml
11) T n-Heneicosane (C21)	13.314	1746420	17.920 ug/ml
13) T n-Docosane (C22)	13.901	1739073	18.004 ug/ml
14) T n-Tetracosane (C24)	15.005	1726850	18.142 ug/ml
15) T n-Hexacosane (C26)	16.028	1715540	18.367 ug/ml
16) T n-Octacosane (C28)	16.979	1746162	19.072 ug/ml
17) T n-Tricontane (C30)	17.868	1847598	20.097 ug/ml
18) T n-Dotriacontane (C32)	18.703	1911108	20.834 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1856392	20.779 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1867721	20.850 ug/ml
21) T n-Octatriacontane (C38)	21.004	1842122	20.836 ug/ml
22) T n-Tetracontane (C40)	21.984	1814701	20.550 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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