

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068959.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 12:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 22 06:46:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.706	2028332	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.139	1457224	18.164 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.441	1808135	17.977 ug/ml
2) T n-Decane (C10)	4.516	1814255	18.208 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1969580	17.863 ug/ml
4) T n-Dodecane (C12)	6.540	1781117	18.328 ug/ml
5) T A~2-methylnaphthalene...	7.170	1922527	17.912 ug/ml
6) T n-Tetradecane (C14)	8.337	1698571	18.378 ug/ml
7) T n-Hexadecane (C16)	9.940	1649972	18.426 ug/ml
8) T n-Octadecane (C18)	11.383	1606000	18.309 ug/ml
10) T n-Eicosane (C20)	12.693	1559737	18.303 ug/ml
11) T n-Heneicosane (C21)	13.305	1542171	18.284 ug/ml
13) T n-Docosane (C22)	13.891	1533216	18.327 ug/ml
14) T n-Tetracosane (C24)	14.995	1529152	18.378 ug/ml
15) T n-Hexacosane (C26)	16.016	1525430	18.411 ug/ml
16) T n-Octacosane (C28)	16.967	1543089	18.671 ug/ml
17) T n-Tricontane (C30)	17.854	1617185	19.113 ug/ml
18) T n-Dotriacontane (C32)	18.688	1649266	19.147 ug/ml
19) T n-Tetratriacontane (C34)	19.472	1586302	18.619 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1549994	18.034 ug/ml
21) T n-Octatriacontane (C38)	20.986	1489991	17.763 ug/ml
22) T n-Tetracontane (C40)	21.958	1453459	17.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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