

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068954.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 08:46
 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 21 11:27:57 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	2025754	17.748 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
12) S 1-chlorooctadecane (S...	13.139	1452924	18.110 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.441	1831993	18.214 ug/ml
2) T n-Decane (C10)	4.516	1829273	18.359 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1982563	17.981 ug/ml
4) T n-Dodecane (C12)	6.540	1795249	18.474 ug/ml
5) T A~2-methylnaphthalene...	7.170	1935797	18.035 ug/ml
6) T n-Tetradecane (C14)	8.337	1706093	18.459 ug/ml
7) T n-Hexadecane (C16)	9.939	1651205	18.440 ug/ml
8) T n-Octadecane (C18)	11.383	1602193	18.265 ug/ml
10) T n-Eicosane (C20)	12.693	1551988	18.212 ug/ml
11) T n-Heneicosane (C21)	13.305	1534865	18.197 ug/ml
13) T n-Docosane (C22)	13.891	1524422	18.222 ug/ml
14) T n-Tetracosane (C24)	14.995	1519976	18.267 ug/ml
15) T n-Hexacosane (C26)	16.017	1519290	18.337 ug/ml
16) T n-Octacosane (C28)	16.968	1536110	18.587 ug/ml
17) T n-Tricontane (C30)	17.856	1615156	19.089 ug/ml
18) T n-Dotriacontane (C32)	18.690	1647688	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1584702	18.600 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1550538	18.040 ug/ml
21) T n-Octatriacontane (C38)	20.984	1488086	17.740 ug/ml
22) T n-Tetracontane (C40)	21.960	1458079	17.791 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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