

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053986.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 21:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 23 01:33:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.842	3080786	18.957 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.288	2284903	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.193	2422483	17.924 ug/ml
2) T n-Decane (C10)	4.454	2461410	18.215 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2643788	18.396 ug/ml
4) T n-Dodecane (C12)	6.635	2510687	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.270	2635188	18.998 ug/ml
6) T n-Tetradecane (C14)	8.470	2514325	18.632 ug/ml
7) T n-Hexadecane (C16)	10.082	2543599	18.851 ug/ml
8) T n-Octadecane (C18)	11.529	2537103	18.841 ug/ml
10) T n-Eicosane (C20)	12.842	2503154	19.046 ug/ml
11) T n-Heneicosane (C21)	13.455	2478407	19.117 ug/ml
13) T n-Docosane (C22)	14.044	2458928	19.274 ug/mlm
14) T n-Tetracosane (C24)	15.148	2451072	19.590 ug/ml
15) T n-Hexacosane (C26)	16.172	2417247	19.740 ug/ml
16) T n-Octacosane (C28)	17.124	2425307	19.951 ug/ml
17) T n-Tricontane (C30)	18.013	2535513	20.355 ug/mlm
18) T n-Dotriacontane (C32)	18.847	2565789	20.517 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2437949	20.466 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2407147	20.789 ug/ml
21) T n-Octatriacontane (C38)	21.103	2360396	21.690 ug/mlm
22) T n-Tetracontane (C40)	21.997	2274538	22.922 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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