

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052460.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 10:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 24 12:39:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	3378819	18.075 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	13.362	2413533	17.364 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
Target Compounds			
1) T n-Nonane (C9)	3.255	3106585	20.238 ug/ml
2) T n-Decane (C10)	4.516	3163749	20.256 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3480002	20.142 ug/ml
4) T n-Dodecane (C12)	6.698	3152538	19.973 ug/ml
5) T A~2-methylnaphthalene...	7.332	3343732	19.909 ug/ml
6) T n-Tetradecane (C14)	8.536	3066252	19.467 ug/ml
7) T n-Hexadecane (C16)	10.151	3119831	19.089 ug/ml
8) T n-Octadecane (C18)	11.601	3098494	18.726 ug/ml
10) T n-Eicosane (C20)	12.916	2940876	18.447 ug/ml
11) T n-Heneicosane (C21)	13.530	2874488	18.347 ug/ml
13) T n-Docosane (C22)	14.119	2844543	18.176 ug/ml
14) T n-Tetracosane (C24)	15.226	2810446	17.870 ug/ml
15) T n-Hexacosane (C26)	16.251	2749910	17.754 ug/ml
16) T n-Octacosane (C28)	17.203	2687827	17.572 ug/ml
17) T n-Tricontane (C30)	18.096	2714191	17.388 ug/ml
18) T n-Dotriacontane (C32)	18.933	2609259	17.052 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2301145	16.175 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2012304	16.145 ug/ml
21) T n-Octatriacontane (C38)	21.205	1805959	16.523 ug/ml
22) T n-Tetracontane (C40)	22.130	1733402	17.232 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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