

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052558.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 12:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 22:07:03 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)	11.913	3312562	17.721 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
12) S 1-chlorooctadecane (S...	13.358	2475982	17.813 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.253	3059086	19.929 ug/ml
2) T n-Decane (C10)	4.515	3146508	20.146 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3430886	19.858 ug/ml
4) T n-Dodecane (C12)	6.697	3121867	19.778 ug/ml
5) T A~2-methylnaphthalene...	7.331	3290933	19.595 ug/ml
6) T n-Tetradecane (C14)	8.534	3018923	19.166 ug/ml
7) T n-Hexadecane (C16)	10.148	3059574	18.720 ug/ml
8) T n-Octadecane (C18)	11.597	3036709	18.353 ug/ml
10) T n-Eicosane (C20)	12.912	2890452	18.131 ug/ml
11) T n-Heneicosane (C21)	13.526	2838072	18.115 ug/ml
13) T n-Docosane (C22)	14.114	2825777	18.056 ug/ml
14) T n-Tetracosane (C24)	15.221	2817000	17.912 ug/ml
15) T n-Hexacosane (C26)	16.245	2793391	18.035 ug/ml
16) T n-Octacosane (C28)	17.197	2778801	18.167 ug/ml
17) T n-Tricontane (C30)	18.087	2870220	18.387 ug/ml
18) T n-Dotriacontane (C32)	18.920	2815160	18.397 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2525935	17.755 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2273378	18.240 ug/ml
21) T n-Octatriacontane (C38)	21.190	2255921	20.639 ug/ml
22) T n-Tetracontane (C40)	22.112	2328437	23.148 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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