

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053681.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 22:34
 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: sample.E
 Quant Time: May 07 03:30:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.864	3534695	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.309	2621737	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.209	2808788	20.487 ug/ml
2) T n-Decane (C10)	4.472	2852669	20.621 ug/ml
3) T A~Naphthalene (C11.7)	6.185	3133349	20.758 ug/ml
4) T n-Dodecane (C12)	6.653	2901532	20.688 ug/ml
5) T A~2-methylnaphthalene...	7.287	3086037	20.670 ug/ml
6) T n-Tetradecane (C14)	8.488	2891423	20.610 ug/ml
7) T n-Hexadecane (C16)	10.102	2913267	20.327 ug/ml
8) T n-Octadecane (C18)	11.549	2915526	20.006 ug/ml
10) T n-Eicosane (C20)	12.863	2859890	19.654 ug/ml
11) T n-Heneicosane (C21)	13.477	2827706	19.522 ug/ml
13) T n-Docosane (C22)	14.065	2789059	19.328 ug/ml
14) T n-Tetracosane (C24)	15.171	2740362	19.078 ug/ml
15) T n-Hexacosane (C26)	16.194	2681251	18.931 ug/ml
16) T n-Octacosane (C28)	17.146	2640948	18.982 ug/ml
17) T n-Tricontane (C30)	18.035	2682525	19.272 ug/ml
18) T n-Dotriacontane (C32)	18.869	2708315	19.724 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2609808	20.030 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2620632	20.758 ug/ml
21) T n-Octatriacontane (C38)	21.128	2727801	22.390 ug/ml
22) T n-Tetracontane (C40)	22.032	2490807	20.857 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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