

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
 Data File : FE049173.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 13:54
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 17 14:25:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:25:37 2024
 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)	11.911	777072	5.010 ug/ml
Spiked Amount 50.000		Recovery =	10.02%
12) S 1-chlorooctadecane (S...	13.346	567480	4.857 ug/ml
Spiked Amount 50.000		Recovery =	9.71%
Target Compounds			
1) T n-Nonane (C9)	3.301	777526	5.170 ug/ml
2) T n-Decane (C10)	4.550	782761	5.068 ug/ml
3) T A~Naphthalene (C11.7)	6.257	751566	4.824 ug/ml
4) T n-Dodecane (C12)	6.715	774772	5.032 ug/ml
5) T A~2-methylnaphthalene...	7.352	677200	4.653 ug/ml
6) T n-Tetradecane (C14)	8.543	778442	5.129 ug/ml
7) T n-Hexadecane (C16)	10.150	758399	5.001 ug/ml
8) T n-Octadecane (C18)	11.593	766549	5.049 ug/ml
10) T n-Eicosane (C20)	12.901	731533	5.059 ug/ml
11) T n-Heneicosane (C21)	13.513	715613	5.046 ug/ml
13) T n-Docosane (C22)	14.099	706536	5.029 ug/ml
14) T n-Tetracosane (C24)	15.200	698350	4.983 ug/ml
15) T n-Hexacosane (C26)	16.221	709262	5.058 ug/ml
16) T n-Octacosane (C28)	17.170	714774	5.107 ug/ml
17) T n-Tricontane (C30)	18.057	762158	5.225 ug/ml
18) T n-Dotriacontane (C32)	18.888	784253	5.334 ug/ml
19) T n-Tetratriacontane (C34)	19.671	772668	5.290 ug/ml
20) T n-Hexatriacontane (C36)	20.410	697724	4.840 ug/ml
21) T n-Octatriacontane (C38)	21.142	772011	5.157 ug/ml
22) T n-Tetracontane (C40)	22.047	772818	5.121 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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