

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069088.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 17:58
 Operator : YP/AJ
 Sample : PB168297BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 PB168297BSD

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 04:11:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.679	4581655	37.145 ug/ml
Spiked Amount	50.000	Recovery	= 74.29%
12) S 1-chlorooctadecane (S...	13.115	3531514	39.364 ug/ml
Spiked Amount	50.000	Recovery	= 78.73%
Target Compounds			
1) T n-Nonane (C9)	3.409	4275729	40.290 ug/ml
2) T n-Decane (C10)	4.481	4445134	41.972 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	5151171	44.547 ug/ml
4) T n-Dodecane (C12)	6.505	4410822	41.959 ug/ml
5) T A~2-methylnaphthalene...	7.134	4662805	41.129 ug/ml
6) T n-Tetradecane (C14)	8.307	4227555	41.243 ug/ml
7) T n-Hexadecane (C16)	9.911	4141839	40.819 ug/ml
8) T n-Octadecane (C18)	11.357	4020510	40.228 ug/mlm
10) T n-Eicosane (C20)	12.669	4060854	41.693 ug/ml
11) T n-Heneicosane (C21)	13.283	3888217	40.396 ug/ml
13) T n-Docosane (C22)	13.870	3849200	40.404 ug/ml
14) T n-Tetracosane (C24)	14.964	8268275	87.818 ug/ml
15) T n-Hexacosane (C26)	16.000	3801158	40.942 ug/ml
16) T n-Octacosane (C28)	16.950	3816590	41.060 ug/ml
17) T n-Tricontane (C30)	17.841	3822319	39.504 ug/ml
18) T n-Dotriacontane (C32)	18.675	3854911	38.900 ug/ml
19) T n-Tetratriacontane (C34)	19.461	4051967	42.042 ug/ml
20) T n-Hexatriacontane (C36)	20.203	4052507	42.690 ug/ml
21) T n-Octatriacontane (C38)	20.971	4239654	46.470 ug/ml
22) T n-Tetracontane (C40)	21.942	4246284	48.125 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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