

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069123.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 23:35
 Operator : YP/AJ
 Sample : PB168322BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168322BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:44:08 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)	11.680	5674651	46.007 ug/ml
Spiked Amount 50.000		Recovery =	92.01%
12) S 1-chlorooctadecane (S...	13.116	4368938	48.699 ug/ml
Spiked Amount 50.000		Recovery =	97.40%
Target Compounds			
1) T n-Nonane (C9)	3.414	5140110	48.435 ug/ml
2) T n-Decane (C10)	4.484	5708231	53.898 ug/mlm
3) T A~Naphthalene (C11.7)	6.075	6882136	59.516 ug/ml
4) T n-Dodecane (C12)	6.507	5932798	56.437 ug/ml
5) T A~2-methylnaphthalene...	7.135	6291792	55.498 ug/ml
6) T n-Tetradecane (C14)	8.308	5713372	55.738 ug/ml
7) T n-Hexadecane (C16)	9.912	5626514	55.451 ug/ml
8) T n-Octadecane (C18)	11.359	5456726	54.598 ug/mlm
10) T n-Eicosane (C20)	12.671	5521474	56.690 ug/ml
11) T n-Heneicosane (C21)	13.284	5276976	54.824 ug/ml
13) T n-Docosane (C22)	13.871	5214395	54.733 ug/ml
14) T n-Tetracosane (C24)	14.968	11077500	117.654 ug/ml
15) T n-Hexacosane (C26)	16.001	5109678	55.037 ug/ml
16) T n-Octacosane (C28)	16.951	5108449	54.958 ug/ml
17) T n-Tricontane (C30)	17.844	5101359	52.723 ug/ml
18) T n-Dotriacontane (C32)	18.677	5123846	51.705 ug/ml
19) T n-Tetratriacontane (C34)	19.464	5328962	55.292 ug/ml
20) T n-Hexatriacontane (C36)	20.206	5231068	55.105 ug/ml
21) T n-Octatriacontane (C38)	20.977	5297421	58.064 ug/ml
22) T n-Tetracontane (C40)	21.949	5094953	57.743 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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