

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069113.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 14:51
 Operator : YP/AJ
 Sample : PB168308BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168308BSD

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 02:41:21 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	5005420	40.581 ug/ml
Spiked Amount 50.000		Recovery =	81.16%
12) S 1-chlorooctadecane (S...	13.116	3868970	43.126 ug/ml
Spiked Amount 50.000		Recovery =	86.25%
Target Compounds			
1) T n-Nonane (C9)	3.414	4770573	44.953 ug/ml
2) T n-Decane (C10)	4.485	5071378	47.885 ug/mlm
3) T A~Naphthalene (C11.7)	6.076	6015219	52.019 ug/ml
4) T n-Dodecane (C12)	6.507	5195101	49.420 ug/ml
5) T A~2-methylnaphthalene...	7.136	5547550	48.933 ug/ml
6) T n-Tetradecane (C14)	8.308	5097805	49.733 ug/ml
7) T n-Hexadecane (C16)	9.912	5050575	49.775 ug/ml
8) T n-Octadecane (C18)	11.358	4880878	48.836 ug/ml
10) T n-Eicosane (C20)	12.671	4983719	51.169 ug/ml
11) T n-Heneicosane (C21)	13.284	4772704	49.585 ug/ml
13) T n-Docosane (C22)	13.871	4721264	49.557 ug/ml
14) T n-Tetracosane (C24)	14.967	10054646	106.791 ug/ml
15) T n-Hexacosane (C26)	16.003	4637088	49.946 ug/ml
16) T n-Octacosane (C28)	16.953	4645393	49.976 ug/ml
17) T n-Tricontane (C30)	17.844	4641398	47.969 ug/ml
18) T n-Dotriacontane (C32)	18.678	4660628	47.030 ug/ml
19) T n-Tetratriacontane (C34)	19.464	4858708	50.412 ug/ml
20) T n-Hexatriacontane (C36)	20.206	4768563	50.233 ug/ml
21) T n-Octatriacontane (C38)	20.977	4843462	53.088 ug/ml
22) T n-Tetracontane (C40)	21.945	4699823	53.265 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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