

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071125AL\
 Data File : FC069422.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 15:36
 Operator : YP/AJ
 Sample : PB168812BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168812BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e
 Quant Time: Jul 11 23:03:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 Qlast Update : Wed Jun 18 14:24:27 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)	11.673	6090121	35.252 ug/ml
Spiked Amount 50.000		Recovery =	70.50%
12) S 1-chlorooctadecane (S...	13.108	4768616	36.501 ug/ml
Spiked Amount 50.000		Recovery =	73.00%
Target Compounds			
1) T n-Nonane (C9)	3.409	5138202	36.129 ug/ml
2) T n-Decane (C10)	4.480	5624227	38.418 ug/ml
3) T A~Naphthalene (C11.7)	6.072	7009276	43.564 ug/ml
4) T n-Dodecane (C12)	6.502	6019687	39.754 ug/ml
5) T A~2-methylnaphthalene...	7.131	6594113	41.669 ug/ml
6) T n-Tetradecane (C14)	8.302	6107862	39.404 ug/ml
7) T n-Hexadecane (C16)	9.904	6108296	37.379 ug/ml
8) T n-Octadecane (C18)	11.350	5931686	36.330 ug/ml
10) T n-Eicosane (C20)	12.662	5890745	38.593 ug/ml
11) T n-Heneicosane (C21)	13.275	5551687	37.666 ug/ml
13) T n-Docosane (C22)	13.863	5406699	37.577 ug/ml
14) T n-Tetracosane (C24)	14.960	10476847	75.957 ug/ml
15) T n-Hexacosane (C26)	15.991	4895060	37.446 ug/ml
16) T n-Octacosane (C28)	16.940	4674922	37.906 ug/ml
17) T n-Tricontane (C30)	17.831	4548673	38.262 ug/ml
18) T n-Dotriacontane (C32)	18.663	4440441	40.612 ug/ml
19) T n-Tetratriacontane (C34)	19.448	4599429	47.630 ug/ml
20) T n-Hexatriacontane (C36)	20.189	4413272	53.551 ug/ml
21) T n-Octatriacontane (C38)	20.955	4454146	59.603 ug/ml
22) T n-Tetracontane (C40)	21.922	4346901	61.383 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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