

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE053999.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 14:49
 Operator : YP\AJ
 Sample : PB168138BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168138BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/27/2025

Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e

Quant Time: May 23 22:58:06 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 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)	11.843	6100111	37.536 ug/ml
Spiked Amount 50.000		Recovery =	75.07%
12) S 1-chlorooctadecane (S...	13.288	4946187	41.723 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
Target Compounds			
1) T n-Nonane (C9)	3.199	4682060	34.643 ug/ml
2) T n-Decane (C10)	4.457	4816402	35.642 ug/mlm
3) T A~Naphthalene (C11.7)	6.166	5664953	39.418 ug/ml
4) T n-Dodecane (C12)	6.635	5024903	36.838 ug/ml
5) T A~2-methylnaphthalene...	7.268	5169681	37.270 ug/ml
6) T n-Tetradecane (C14)	8.471	5042833	37.368 ug/ml
7) T n-Hexadecane (C16)	10.081	5088049	37.708 ug/ml
8) T n-Octadecane (C18)	11.529	5010436	37.208 ug/ml
10) T n-Eicosane (C20)	12.843	5153813	39.214 ug/ml
11) T n-Heneicosane (C21)	13.456	4948051	38.166 ug/ml
13) T n-Docosane (C22)	14.043	4872292	38.191 ug/ml
14) T n-Tetracosane (C24)	15.140	10077908	80.548 ug/mlm
15) T n-Hexacosane (C26)	16.173	4691599	38.314 ug/ml
16) T n-Octacosane (C28)	17.123	4791933	39.419 ug/mlm
17) T n-Tricontane (C30)	18.014	4605461	36.972 ug/ml
18) T n-Dotriacontane (C32)	18.846	4477473	35.804 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4551884	38.212 ug/ml
20) T n-Hexatriacontane (C36)	20.373	4635524	40.035 ug/ml
21) T n-Octatriacontane (C38)	21.103	4834384	44.423 ug/ml
22) T n-Tetracontane (C40)	21.997	4858874	48.965 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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