

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054444.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 15:00
 Operator : YP\AJ
 Sample : PB168506BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168506BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e

Quant Time: Jun 18 01:22:46 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.825	6309599	38.186 ug/ml
Spiked Amount 50.000		Recovery =	76.37%
12) S 1-chlorooctadecane (S...	13.271	5051693	41.425 ug/mlm
Spiked Amount 50.000		Recovery =	82.85%
Target Compounds			
1) T n-Nonane (C9)	3.181	4198750	33.812 ug/ml
2) T n-Decane (C10)	4.440	4235623	34.089 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5414852	40.068 ug/ml
4) T n-Dodecane (C12)	6.618	4503095	35.365 ug/ml
5) T A~2-methylnaphthalene...	7.253	4997234	37.728 ug/ml
6) T n-Tetradecane (C14)	8.453	4766943	36.820 ug/ml
7) T n-Hexadecane (C16)	10.064	5107841	38.451 ug/ml
8) T n-Octadecane (C18)	11.511	5253440	38.905 ug/ml
10) T n-Eicosane (C20)	12.824	5451699	40.752 ug/ml
11) T n-Heneicosane (C21)	13.438	5231000	39.340 ug/ml
13) T n-Docosane (C22)	14.025	5185985	39.551 ug/ml
14) T n-Tetracosane (C24)	15.126	11360666	88.071 ug/ml
15) T n-Hexacosane (C26)	16.154	5027160	40.048 ug/ml
16) T n-Octacosane (C28)	17.104	5273402	43.002 ug/mlm
17) T n-Tricontane (C30)	17.995	4947664	39.919 ug/ml
18) T n-Dotriacontane (C32)	18.826	5228820	41.616 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	4854180	39.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	4575635	35.544 ug/mlm
21) T n-Octatriacontane (C38)	21.079	4207439	31.864 ug/ml
22) T n-Tetracontane (C40)	21.966	3813259	28.308 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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