

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
 Data File : FC068273.D
 Signal(s) : FID1A.ch
 Acq On : 17 Feb 2025 13:39
 Operator : YP/AJ
 Sample : PB166742BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166742BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2025
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e
 Quant Time: Feb 18 02:03:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.402	5853843	37.461 ug/ml
Spiked Amount 50.000		Recovery =	74.92%
12) S 1-chlorooctadecane (S...	12.843	4619003	40.164 ug/ml
Spiked Amount 50.000		Recovery =	80.33%
Target Compounds			
1) T n-Nonane (C9)	3.216	5461835	39.887 ug/ml
2) T n-Decane (C10)	4.269	5708958	41.121 ug/ml
3) T A~Naphthalene (C11.7)	5.833	6558791	43.689 ug/ml
4) T n-Dodecane (C12)	6.274	5732414	41.034 ug/ml
5) T A~2-methylnaphthalene...	6.885	5981093	41.642 ug/ml
6) T n-Tetradecane (C14)	8.064	5722285	41.928 ug/ml
7) T n-Hexadecane (C16)	9.658	5575151	40.124 ug/ml
8) T n-Octadecane (C18)	11.096	5495799	39.279 ug/ml
10) T n-Eicosane (C20)	12.404	5597215	41.832 ug/ml
11) T n-Heneicosane (C21)	13.013	5311684	40.442 ug/ml
13) T n-Docosane (C22)	13.598	5262493	40.626 ug/ml
14) T n-Tetracosane (C24)	14.658	10850546	84.515 ug/mlm
15) T n-Hexacosane (C26)	15.720	5066314	40.261 ug/ml
16) T n-Octacosane (C28)	16.666	4995463	39.941 ug/ml
17) T n-Tricontane (C30)	17.554	5027322	38.895 ug/ml
18) T n-Dotriacontane (C32)	18.384	4951192	39.606 ug/ml
19) T n-Tetratriacontane (C34)	19.165	4939447	45.535 ug/ml
20) T n-Hexatriacontane (C36)	19.906	4732647	51.140 ug/ml
21) T n-Octatriacontane (C38)	20.619	4665267	54.445 ug/ml
22) T n-Tetracontane (C40)	21.472	4593662	56.810 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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