

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE033022AL\  
 Data File : FE035579.D  
 Signal(s) : FID1B.CH  
 Acq On : 30 Mar 2022 19:20  
 Operator : YP\AJ  
 Sample : N2171-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PSE-02MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e  
 Quant Time: Mar 31 02:44:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 30 04:19:30 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.328 | 3994096    | 37.495 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.99%        |
| 12) S 1-chlorooctadecane (S... | 12.762 | 3243548    | 40.099 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.20%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.153  | 2831565    | 29.745 ug/ml  |
| 2) T n-Decane (C10)            | 4.205  | 3195178    | 34.367 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.771  | 3773751    | 39.732 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.208  | 3712483    | 39.506 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.821  | 3887804    | 40.612 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.995  | 4046703    | 43.762 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.586  | 4296528    | 46.073 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.020 | 4592294    | 48.570 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.322 | 4526997    | 47.507 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.930 | 4522453    | 46.993 ug/ml  |
| 13) T n-Docosane (C22)         | 13.513 | 4534968    | 47.238 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.608 | 5231834    | 55.213 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.626 | 4410310    | 47.292 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.569 | 4432737    | 49.713 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.453 | 4084109    | 47.468 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.280 | 4051038    | 48.758 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.059 | 3935854    | 53.051 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.795 | 3993324    | 56.050 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.493 | 3829809    | 57.619 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.291 | 3803413    | 54.102 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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