

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112921AL\  
 Data File : FD039665.D  
 Signal(s) : FID2B.CH  
 Acq On : 29 Nov 2021 11:37  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 11/29/2021  
 Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e  
 Quant Time: Nov 29 12:01:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 112321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 24 01:36:43 2021  
 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)    | 11.656 | 2393248    | 18.786 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.57%        |
| 12) S 1-chlorooctadecane (S... | 13.083 | 1880978    | 19.122 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.24%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.419  | 2128448    | 18.630 ug/ml  |
| 2) T n-Decane (C10)            | 4.487  | 2145259    | 18.653 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.078  | 2374052    | 18.657 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.501  | 2145583    | 18.632 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.133  | 2390842    | 18.775 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.294  | 2166942    | 18.701 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.892  | 2176390    | 18.718 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.331 | 2229752    | 18.765 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.638 | 2218740    | 18.910 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.248 | 2229836    | 18.956 ug/ml  |
| 13) T n-Docosane (C22)         | 13.834 | 2219887    | 19.138 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.933 | 2231420    | 19.122 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.951 | 2152178    | 19.422 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.898 | 2146607    | 20.010 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.781 | 2058562    | 19.312 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.611 | 1883823    | 18.087 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.390 | 1738087    | 17.296 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.128 | 1575972    | 16.378 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.866 | 1471751    | 15.682 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.786 | 1551550    | 16.093 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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