

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061422AL\  
 Data File : FE036045.D  
 Signal(s) : FID1B.CH  
 Acq On : 15 Jun 2022 00:14  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e  
 Quant Time: Jun 15 04:22:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 060922.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 09 16:49:15 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)    | 10.869 | 2724012    | 19.943 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.89%        |
| 12) S 1-chlorooctadecane (S... | 12.308 | 2094092    | 20.038 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.725  | 2677003    | 21.203 ug/ml  |
| 2) T n-Decane (C10)            | 3.736  | 2621274    | 21.047 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.295  | 2877746    | 20.674 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.725  | 2602548    | 20.692 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.344  | 2860053    | 20.466 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.517  | 2529167    | 20.236 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.116  | 2473961    | 20.214 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.557 | 2454710    | 20.167 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.866 | 2421385    | 20.049 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.478 | 2428254    | 20.052 ug/ml  |
| 13) T n-Docosane (C22)         | 13.063 | 2418985    | 20.026 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.167 | 2423573    | 19.965 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.187 | 2410121    | 19.843 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.137 | 2392654    | 19.664 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.025 | 2362870    | 19.513 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.857 | 2292618    | 19.624 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.641 | 2134915    | 19.511 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.381 | 2087285    | 20.458 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.109 | 1977990    | 20.109 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.000 | 2005276    | 20.593 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061422AL\  
Data File : FE036045.D  
Signal(s) : FID1B.CH  
Acq On : 15 Jun 2022 00:14  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

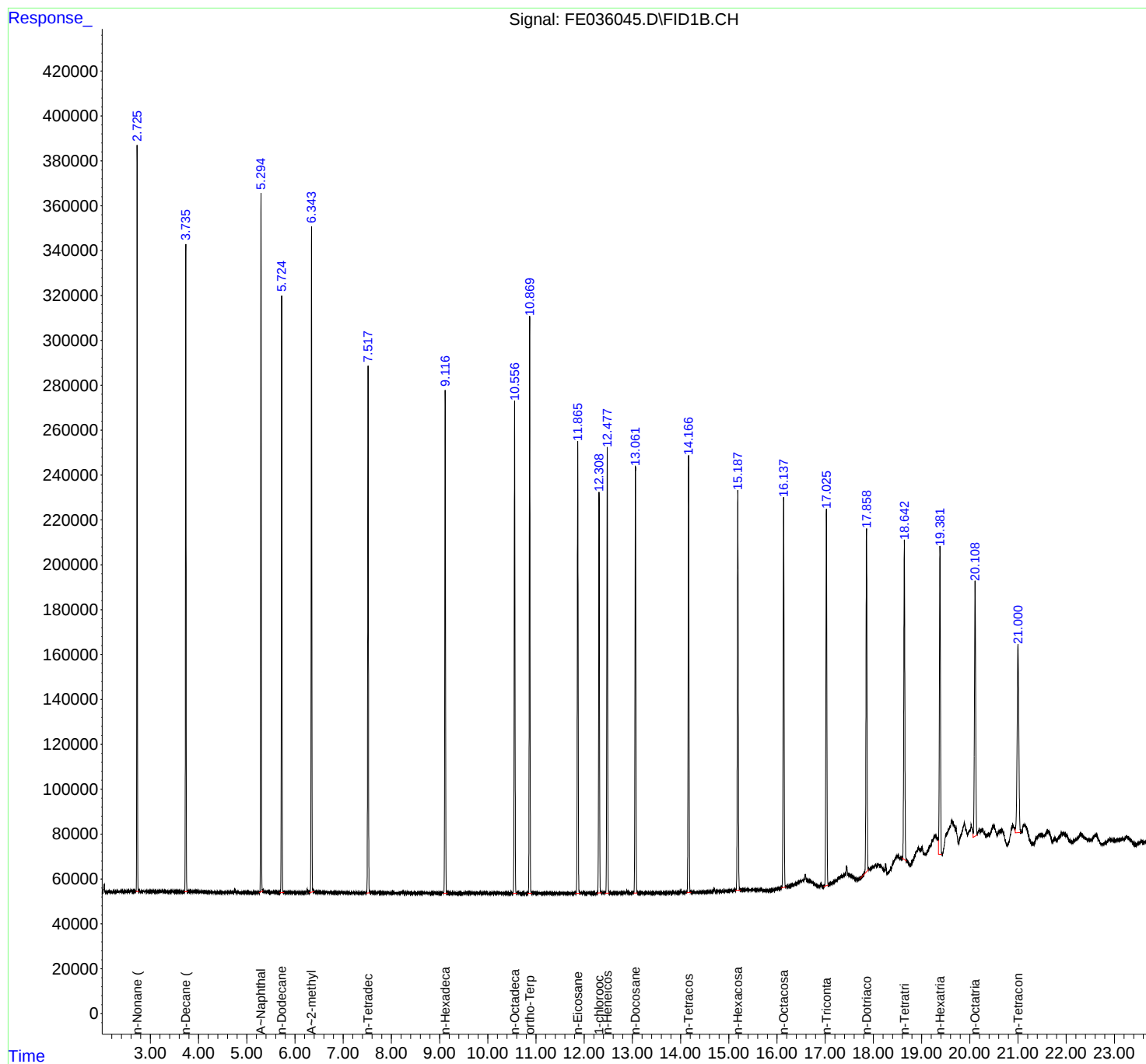
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

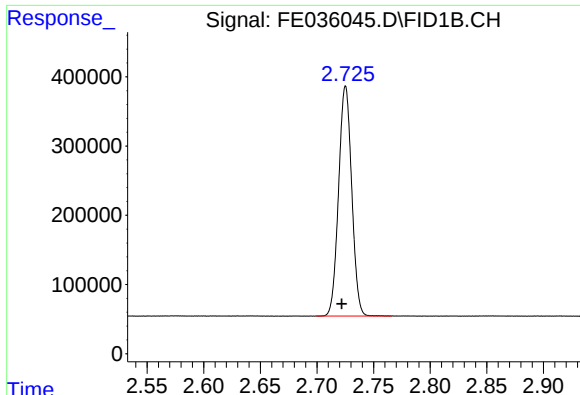
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e  
Quant Time: Jun 15 04:22:51 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 060922.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 09 16:49:15 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





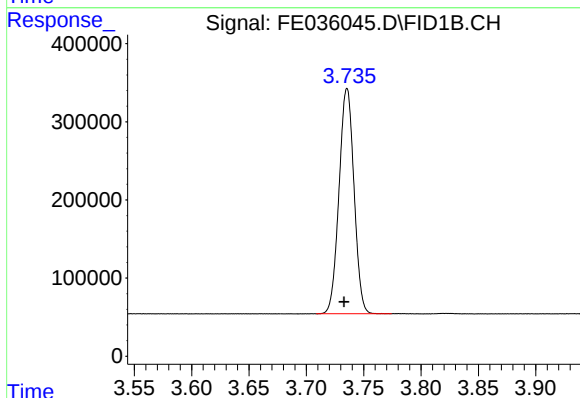
#1 n-Nonane (C9)

R.T.: 2.725 min  
Delta R.T.: 0.003 min  
Response: 2677003  
Conc: 21.20 ug/ml

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

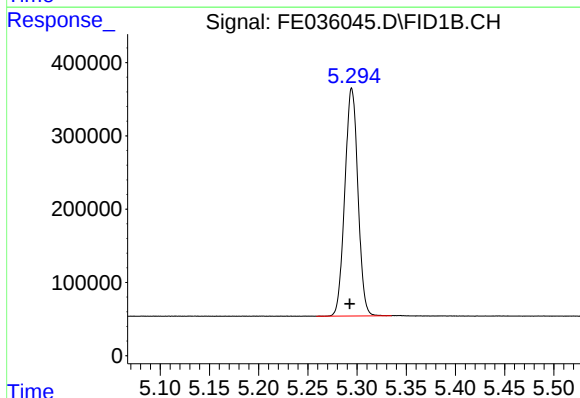
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



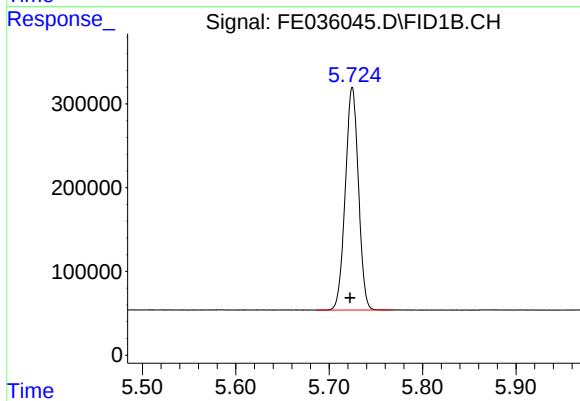
#2 n-Decane (C10)

R.T.: 3.736 min  
Delta R.T.: 0.003 min  
Response: 2621274  
Conc: 21.05 ug/ml



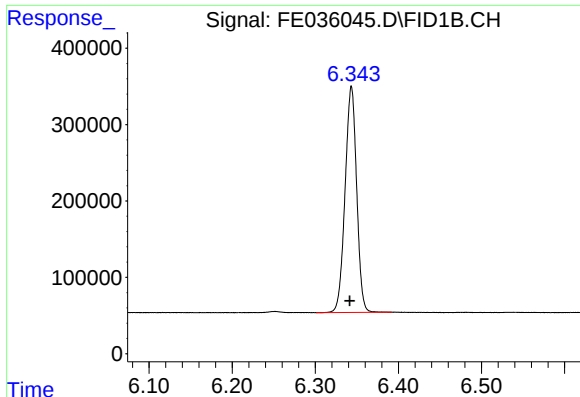
#3 A~Naphthalene (C11.7)

R.T.: 5.295 min  
Delta R.T.: 0.002 min  
Response: 2877746  
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.725 min  
Delta R.T.: 0.002 min  
Response: 2602548  
Conc: 20.69 ug/ml



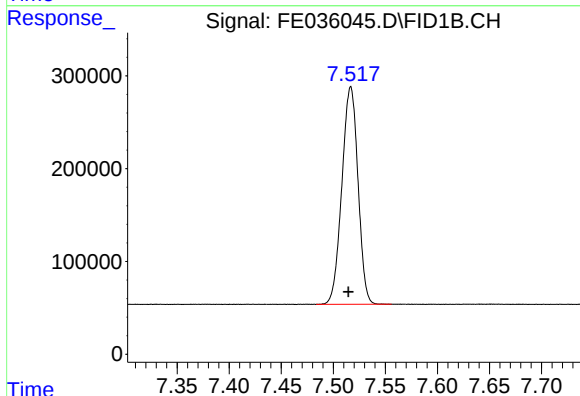
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.344 min  
Delta R.T.: 0.002 min  
Response: 2860053  
Conc: 20.47 ug/ml

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

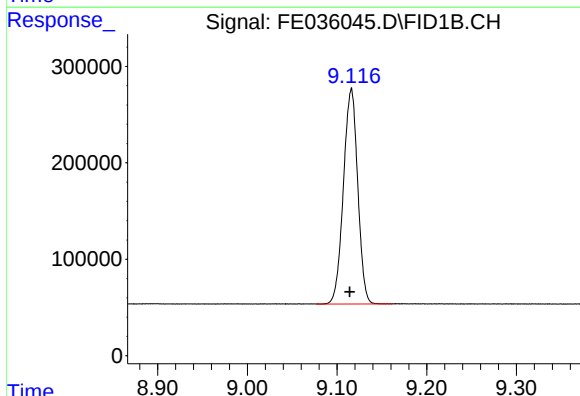
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



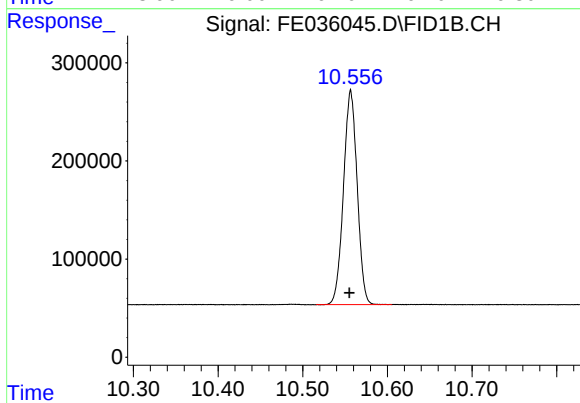
#6 n-Tetradecane (C14)

R.T.: 7.517 min  
Delta R.T.: 0.002 min  
Response: 2529167  
Conc: 20.24 ug/ml



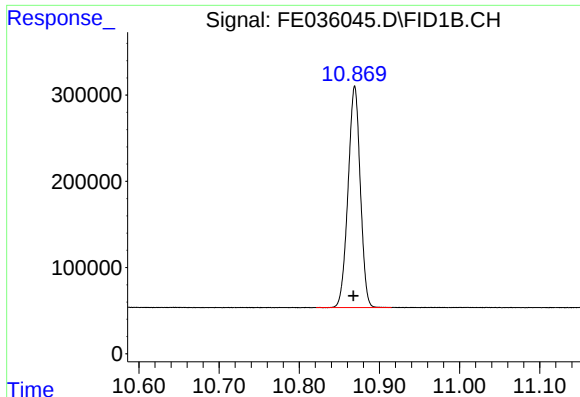
#7 n-Hexadecane (C16)

R.T.: 9.116 min  
Delta R.T.: 0.002 min  
Response: 2473961  
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.557 min  
Delta R.T.: 0.001 min  
Response: 2454710  
Conc: 20.17 ug/ml



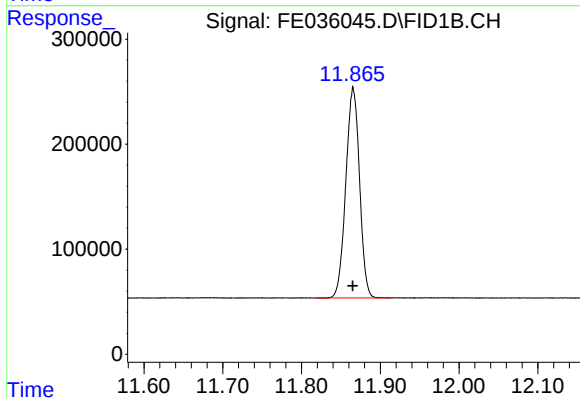
#9 ortho-Terphenyl (SURR)

R.T.: 10.869 min  
Delta R.T.: 0.002 min  
Response: 2724012  
Conc: 19.94 ug/ml

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

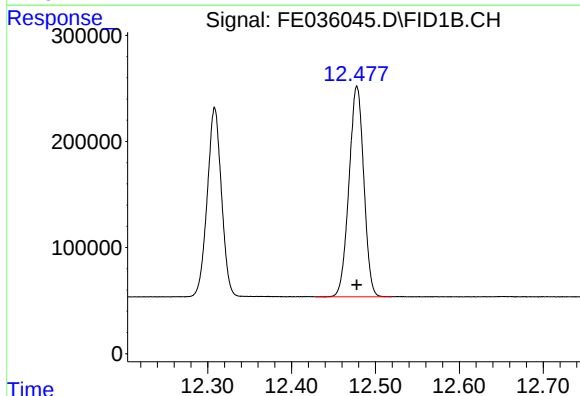
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



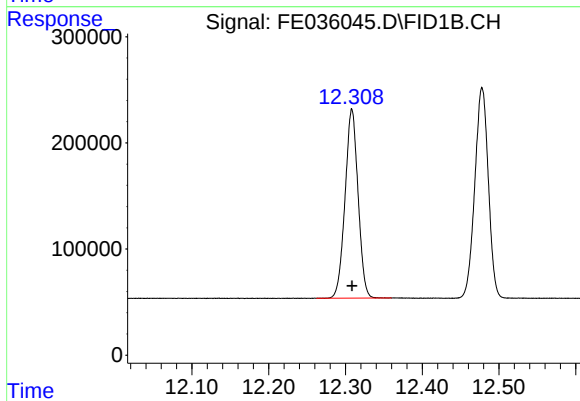
#10 n-Eicosane (C20)

R.T.: 11.866 min  
Delta R.T.: 0.000 min  
Response: 2421385  
Conc: 20.05 ug/ml



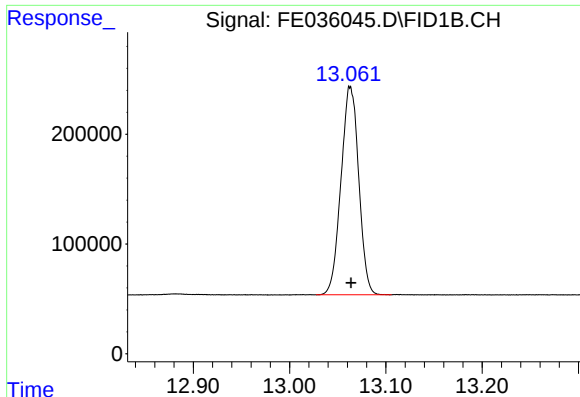
#11 n-Heneicosane (C21)

R.T.: 12.478 min  
Delta R.T.: 0.000 min  
Response: 2428254  
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.308 min  
Delta R.T.: 0.000 min  
Response: 2094092  
Conc: 20.04 ug/ml



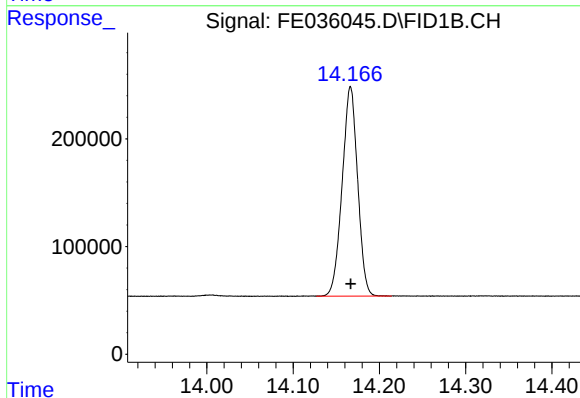
#13 n-Docosane (C22)

R.T.: 13.063 min  
Delta R.T.: 0.000 min  
Response: 2418985  
Conc: 20.03 ug/ml

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

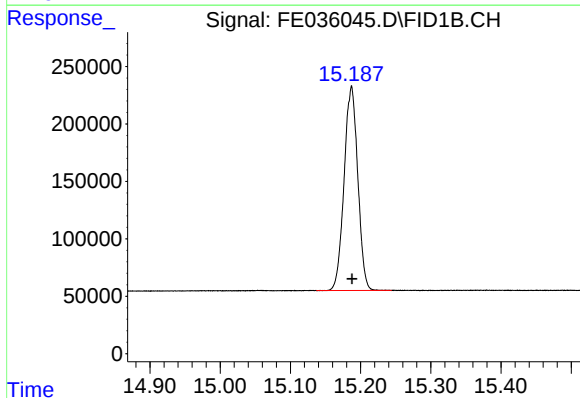
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



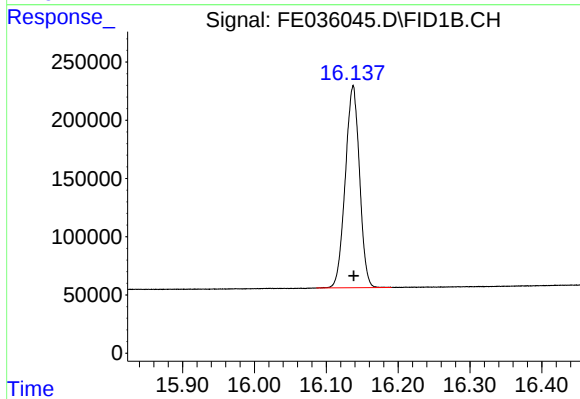
#14 n-Tetracosane (C24)

R.T.: 14.167 min  
Delta R.T.: 0.000 min  
Response: 2423573  
Conc: 19.97 ug/ml



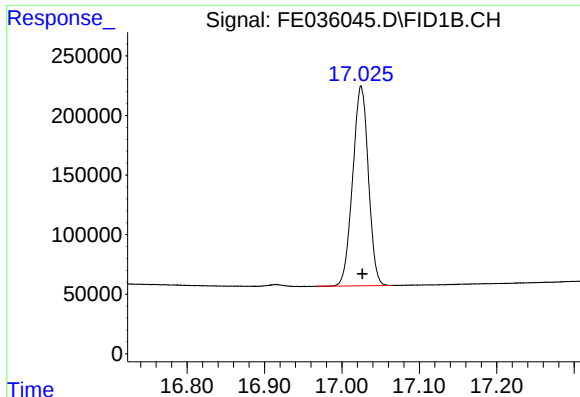
#15 n-Hexacosane (C26)

R.T.: 15.187 min  
Delta R.T.: 0.000 min  
Response: 2410121  
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.137 min  
Delta R.T.: 0.000 min  
Response: 2392654  
Conc: 19.66 ug/ml



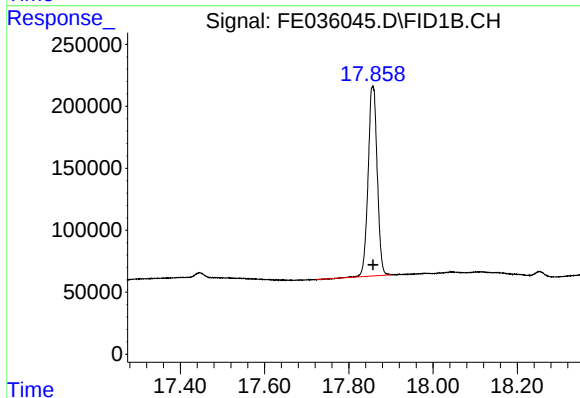
#17 n-Tricontane (C30)

R.T.: 17.025 min  
Delta R.T.: -0.002 min  
Response: 2362870  
Conc: 19.51 ug/ml

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

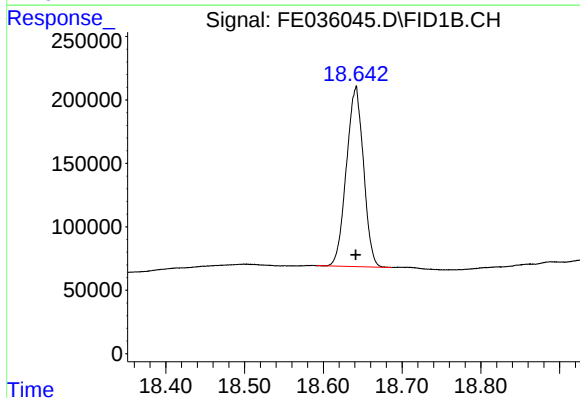
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



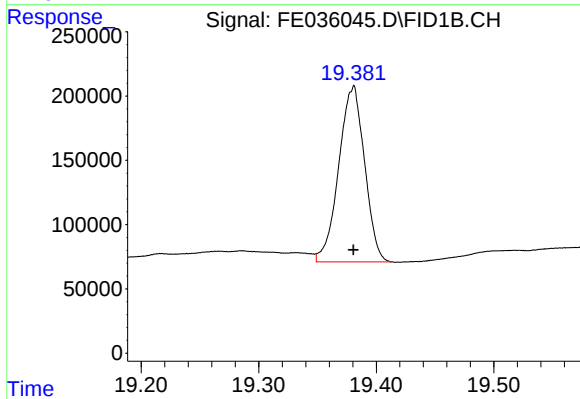
#18 n-Dotriacontane (C32)

R.T.: 17.857 min  
Delta R.T.: -0.001 min  
Response: 2292618  
Conc: 19.62 ug/ml



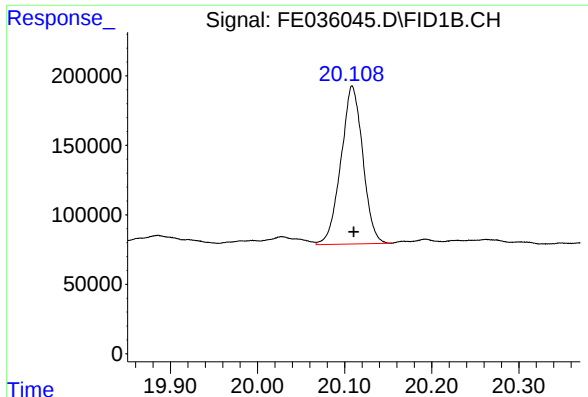
#19 n-Tetratriacontane (C34)

R.T.: 18.641 min  
Delta R.T.: 0.000 min  
Response: 2134915  
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.381 min  
Delta R.T.: 0.000 min  
Response: 2087285  
Conc: 20.46 ug/ml m



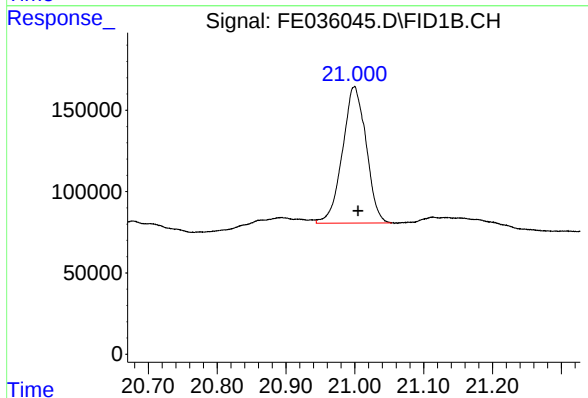
#21 n-Octatriacontane (C38)

R.T.: 20.109 min  
Delta R.T.: -0.002 min  
Response: 1977990  
Conc: 20.11 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



#22 n-Tetracontane (C40)

R.T.: 21.000 min  
Delta R.T.: -0.005 min  
Response: 2005276  
Conc: 20.59 ug/ml m