

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052424AL\  
 Data File : FE048385.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 May 2024 12:29  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e  
 Quant Time: May 25 01:03:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 2024  
 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)    | 11.955 | 2574519    | 17.846 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.69%        |
| 12) S 1-chlorooctadecane (S... | 13.389 | 1974214    | 17.668 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.34%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.341  | 2385496    | 18.510 ug/ml  |
| 2) T n-Decane (C10)            | 4.590  | 2591100    | 19.681 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.297  | 2547037    | 18.446 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.756  | 2577002    | 19.331 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.393  | 2422590    | 18.205 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.584  | 2504545    | 18.899 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.192 | 2525642    | 18.364 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.635 | 2512200    | 18.035 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.944 | 2409153    | 17.893 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.555 | 2349126    | 17.746 ug/ml  |
| 13) T n-Docosane (C22)         | 14.142 | 2404827    | 18.147 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.244 | 2542673    | 19.096 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.263 | 2655221    | 19.898 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.212 | 2850269    | 21.407 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.100 | 3220162    | 23.332 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.932 | 3337641    | 24.164 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.714 | 3061040    | 22.471 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 2845179    | 21.013 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.191 | 2741367    | 19.855 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.112 | 2661687    | 19.105 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052424AL\  
Data File : FE048385.D  
Signal(s) : FID1B.ch  
Acq On : 24 May 2024 12:29  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

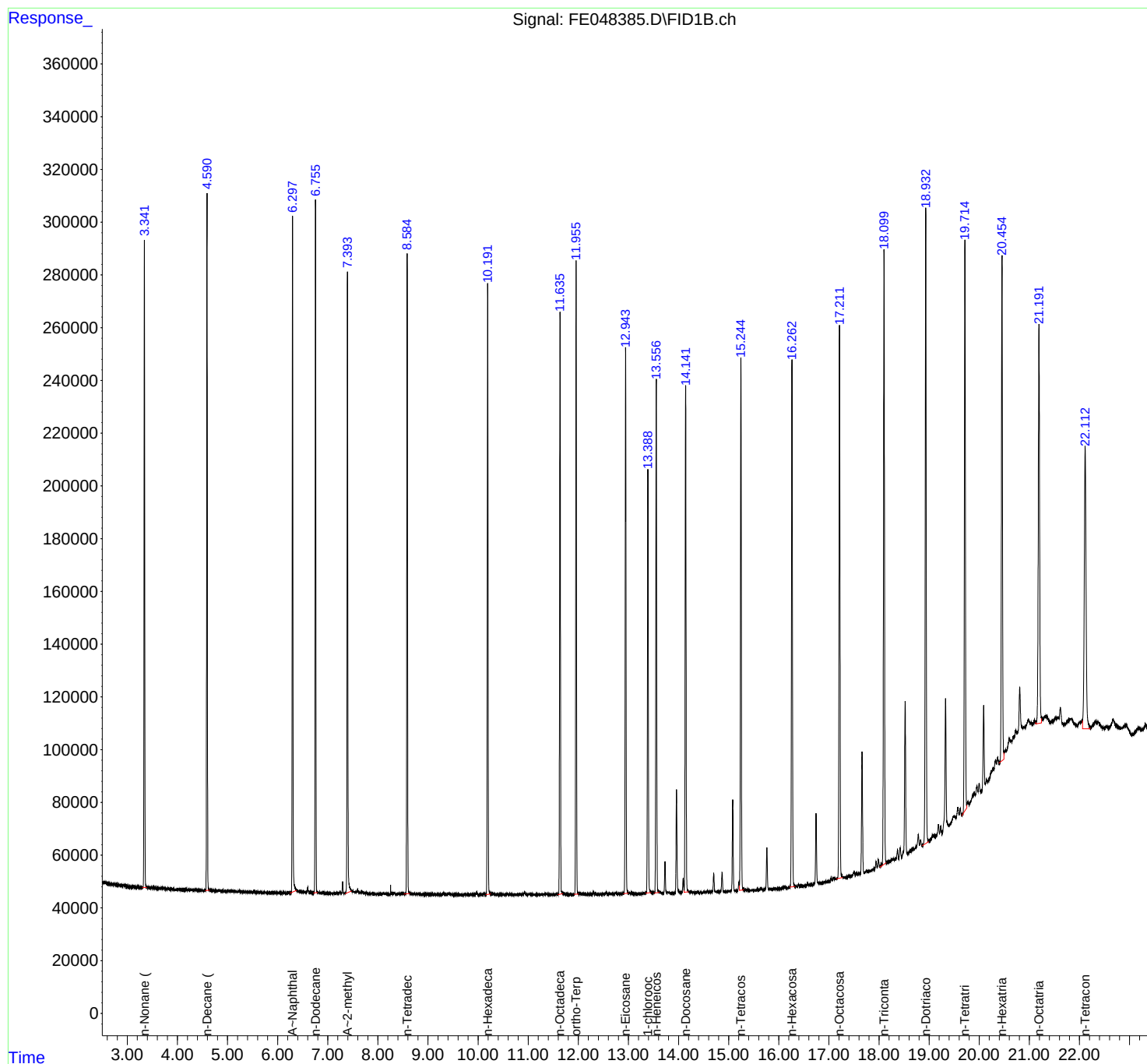
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

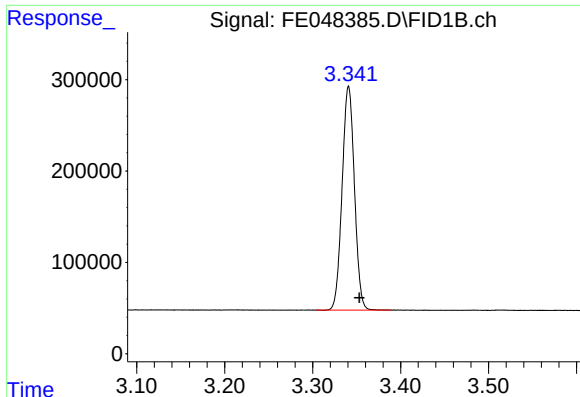
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e  
Quant Time: May 25 01:03:39 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 29 03:29:12 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





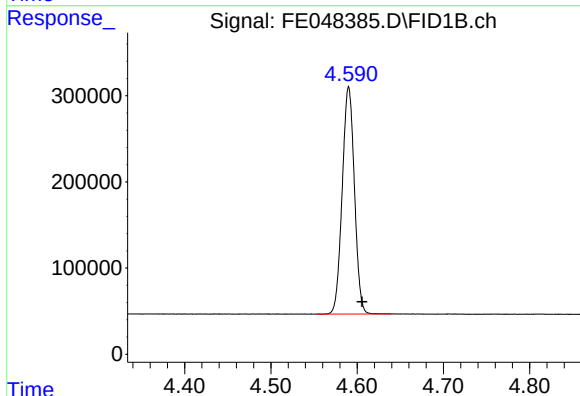
#1 n-Nonane (C9)

R.T.: 3.341 min  
Delta R.T.: -0.012 min  
Response: 2385496  
Conc: 18.51 ug/ml

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

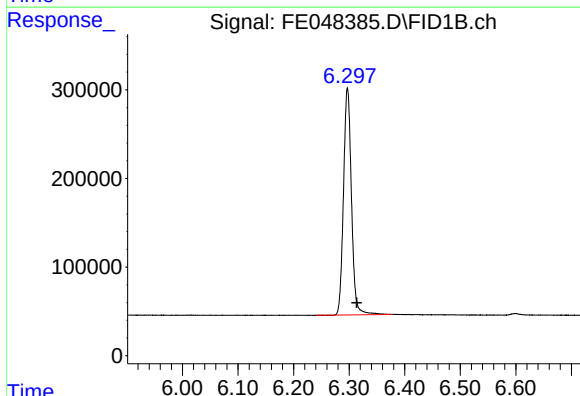
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



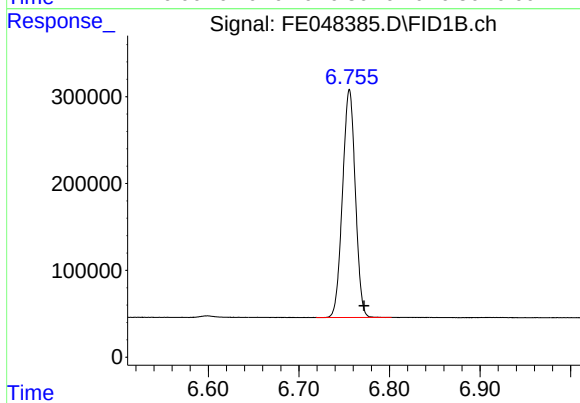
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: -0.015 min  
Response: 2591100  
Conc: 19.68 ug/ml



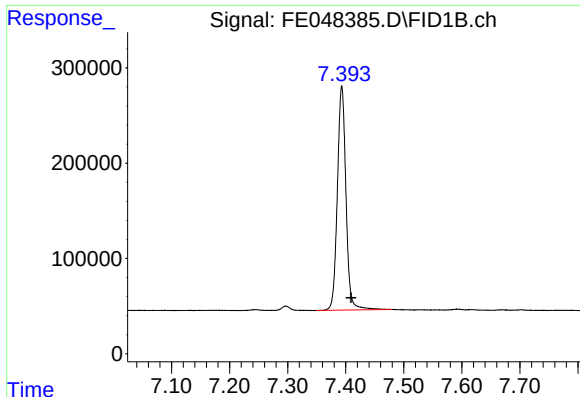
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min  
Delta R.T.: -0.017 min  
Response: 2547037  
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min  
Delta R.T.: -0.016 min  
Response: 2577002  
Conc: 19.33 ug/ml



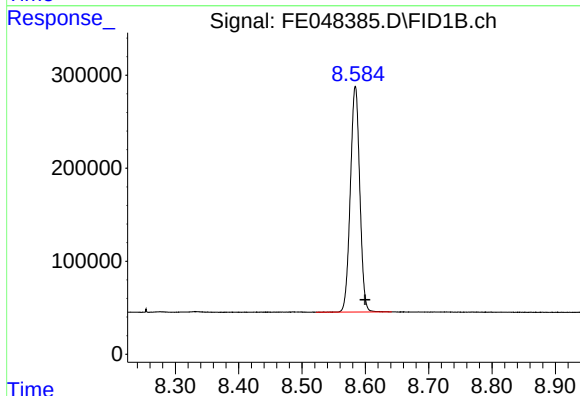
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min  
Delta R.T.: -0.016 min  
Response: 2422590  
Conc: 18.20 ug/ml

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

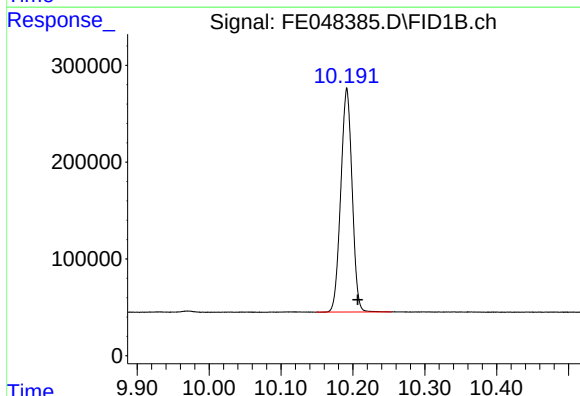
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



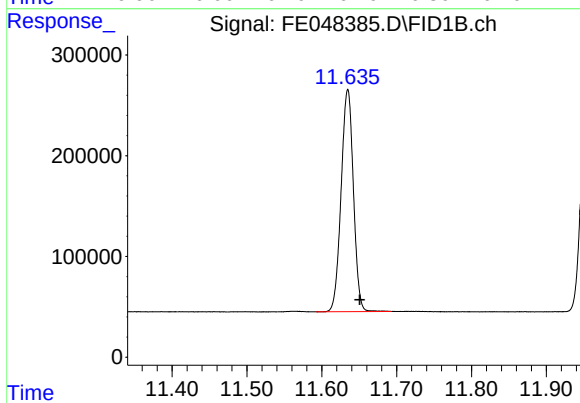
#6 n-Tetradecane (C14)

R.T.: 8.584 min  
Delta R.T.: -0.015 min  
Response: 2504545  
Conc: 18.90 ug/ml



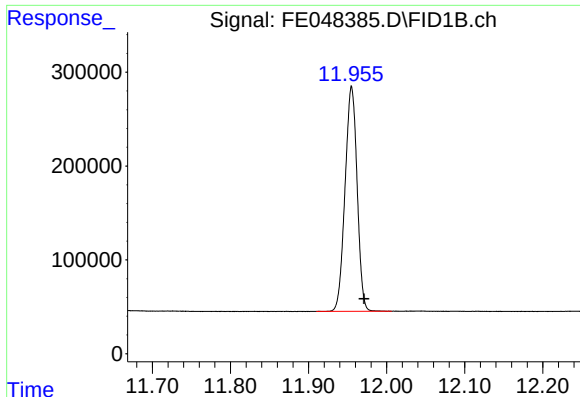
#7 n-Hexadecane (C16)

R.T.: 10.192 min  
Delta R.T.: -0.015 min  
Response: 2525642  
Conc: 18.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min  
Delta R.T.: -0.016 min  
Response: 2512200  
Conc: 18.03 ug/ml



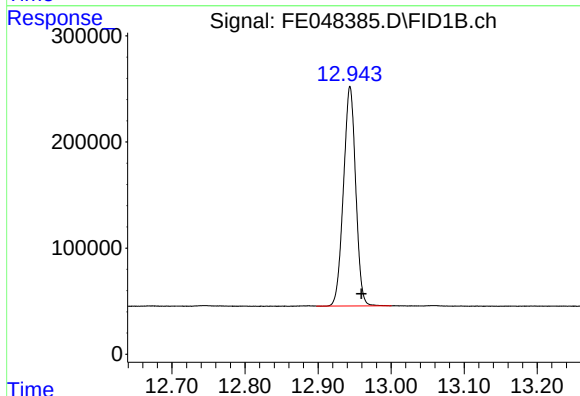
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min  
Delta R.T.: -0.016 min  
Response: 2574519  
Conc: 17.85 ug/ml

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

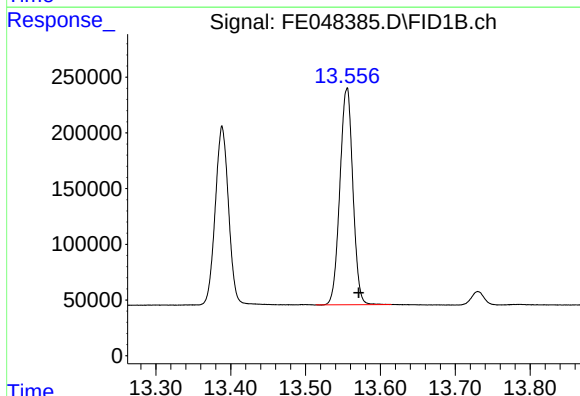
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



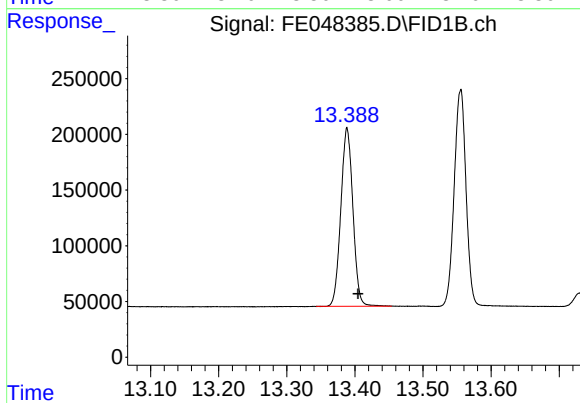
#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: -0.016 min  
Response: 2409153  
Conc: 17.89 ug/ml



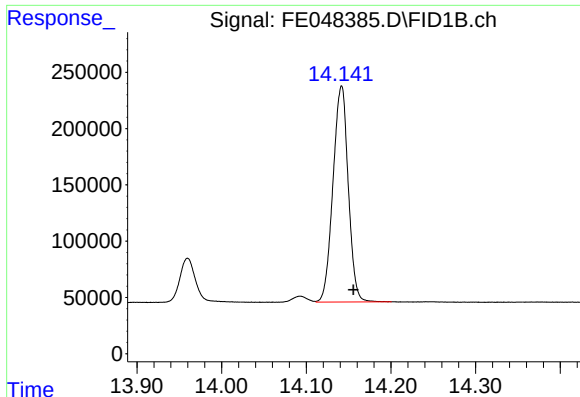
#11 n-Heneicosane (C21)

R.T.: 13.555 min  
Delta R.T.: -0.016 min  
Response: 2349126  
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min  
Delta R.T.: -0.016 min  
Response: 1974214  
Conc: 17.67 ug/ml



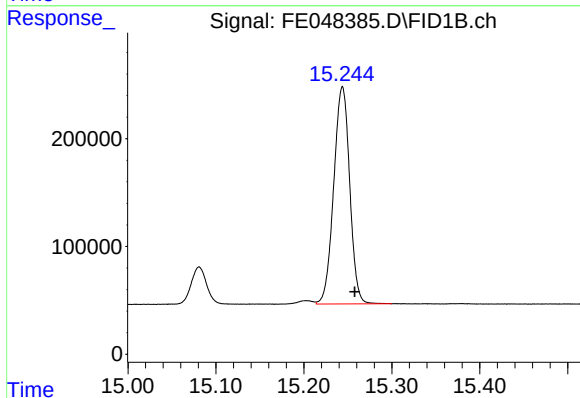
#13 n-Docosane (C22)

R.T.: 14.142 min  
Delta R.T.: -0.014 min  
Response: 2404827  
Conc: 18.15 ug/ml

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

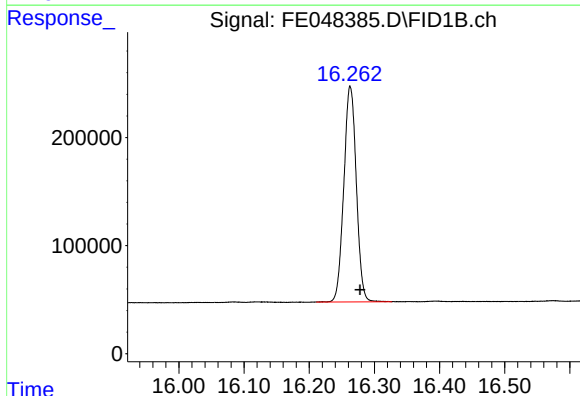
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



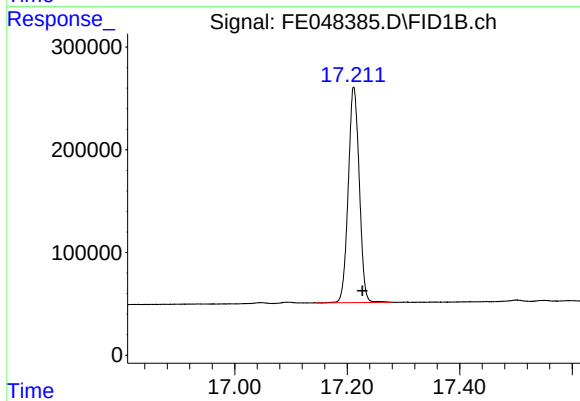
#14 n-Tetracosane (C24)

R.T.: 15.244 min  
Delta R.T.: -0.014 min  
Response: 2542673  
Conc: 19.10 ug/ml



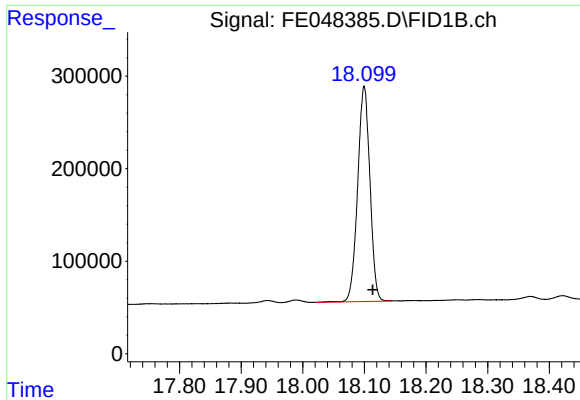
#15 n-Hexacosane (C26)

R.T.: 16.263 min  
Delta R.T.: -0.015 min  
Response: 2655221  
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min  
Delta R.T.: -0.016 min  
Response: 2850269  
Conc: 21.41 ug/ml



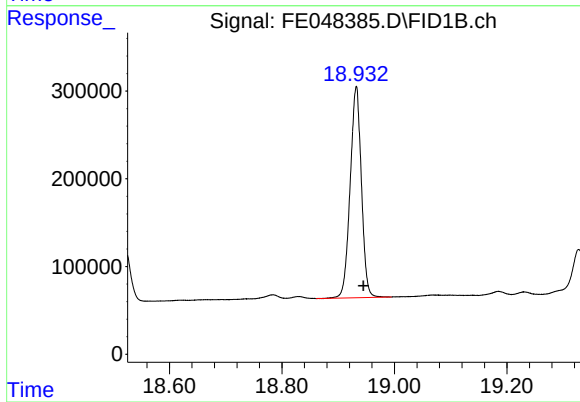
#17 n-Tricontane (C30)

R.T.: 18.100 min  
Delta R.T.: -0.014 min  
Response: 3220162  
Conc: 23.33 ug/ml

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

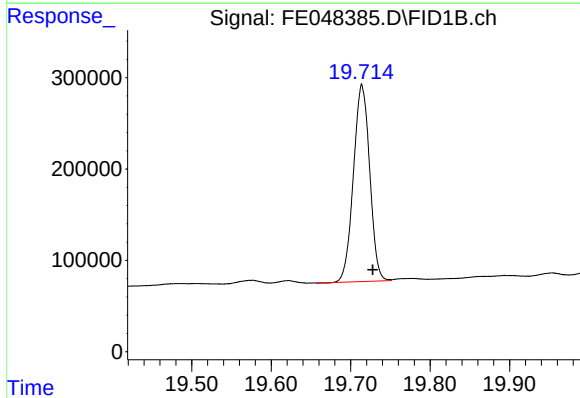
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



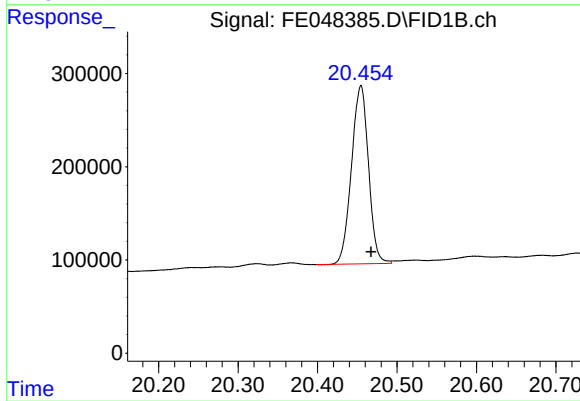
#18 n-Dotriacontane (C32)

R.T.: 18.932 min  
Delta R.T.: -0.013 min  
Response: 3337641  
Conc: 24.16 ug/ml



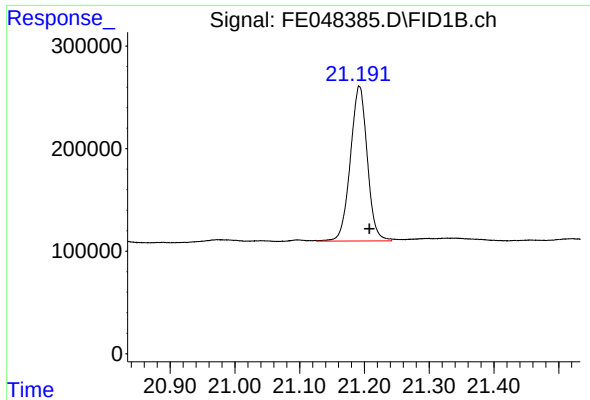
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min  
Delta R.T.: -0.014 min  
Response: 3061040  
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min  
Delta R.T.: -0.013 min  
Response: 2845179  
Conc: 21.01 ug/ml



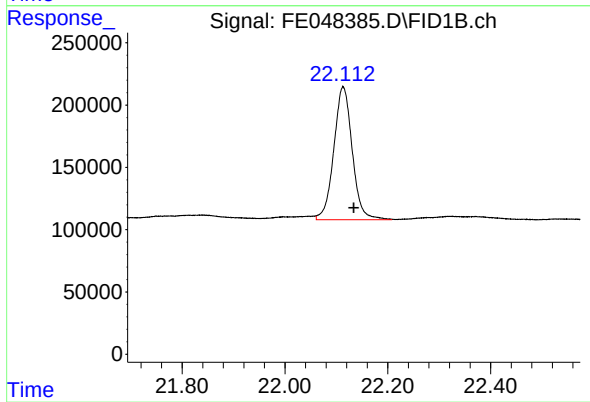
#21 n-Octatriacontane (C38)

R.T.: 21.191 min  
Delta R.T.: -0.017 min  
Response: 2741367  
Conc: 19.86 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/28/2024  
Supervised By :Ankita Jodhani 05/28/2024



#22 n-Tetracontane (C40)

R.T.: 22.112 min  
Delta R.T.: -0.022 min  
Response: 2661687  
Conc: 19.10 ug/ml m