

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092022AL\  
 Data File : FE037681.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Sep 2022 13:32  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E  
 Quant Time: Sep 21 04:48:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 30 06:54:11 2022  
 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)    | 11.621 | 2838211    | 16.795 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.59%        |
| 12) S 1-chlorooctadecane (S... | 13.043 | 2173740    | 16.890 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.78%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.015  | 2603547    | 17.016 ug/mlm |
| 2) T n-Decane (C10)            | 4.275  | 2711785    | 17.589 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.993  | 2600976    | 18.053 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.447  | 2778347    | 17.570 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.086  | 2402126    | 17.205 ug/ml  |
| 6) T n-Tetradecane (C14)       | 9.864  | 2774317    | 17.509 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.864  | 2774317    | 17.509 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.298 | 2754553    | 17.298 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.600 | 2695365    | 17.035 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.209 | 2656485    | 16.846 ug/ml  |
| 13) T n-Docosane (C22)         | 13.792 | 2665079    | 17.120 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.888 | 2628077    | 17.473 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.903 | 2562973    | 17.700 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.848 | 2584935    | 18.659 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.730 | 2765374    | 20.329 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.558 | 2857250    | 21.397 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.337 | 2714996    | 21.458 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.073 | 2724886    | 21.187 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.771 | 2671103    | 21.462 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.545 | 2684054    | 20.820 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092022AL\  
Data File : FE037681.D  
Signal(s) : FID1B.ch  
Acq On : 20 Sep 2022 13:32  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

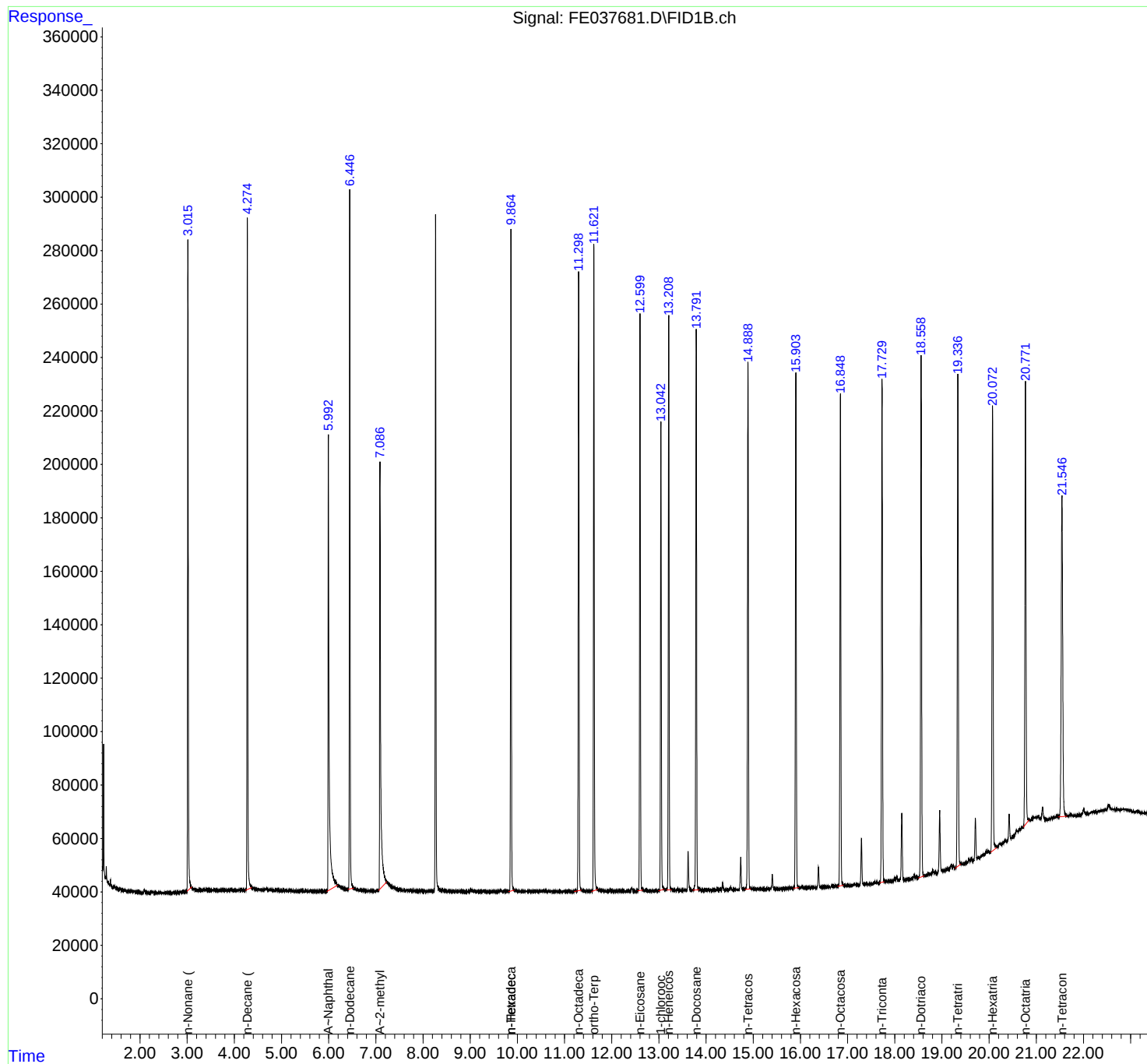
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

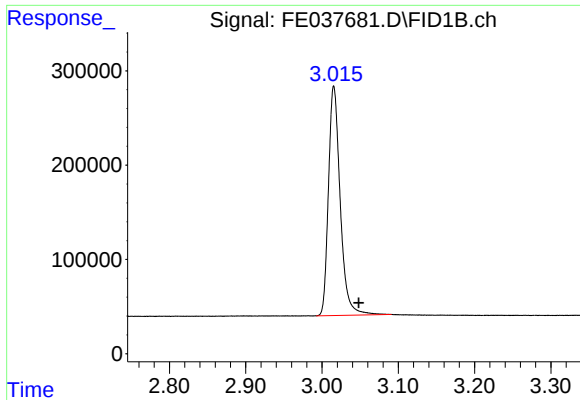
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E  
Quant Time: Sep 21 04:48:40 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 30 06:54:11 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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





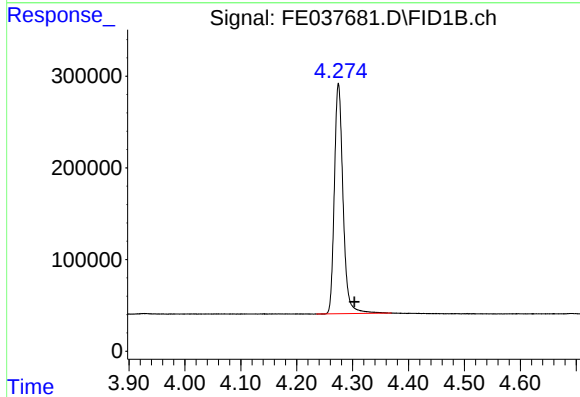
#1 n-Nonane (C9)

R.T.: 3.015 min  
Delta R.T.: -0.033 min  
Response: 2603547  
Conc: 17.02 ug/ml

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

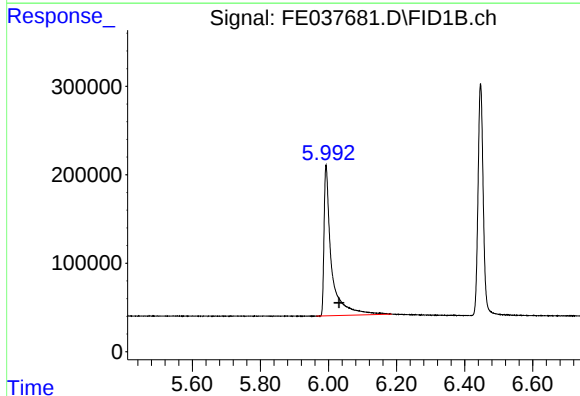
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



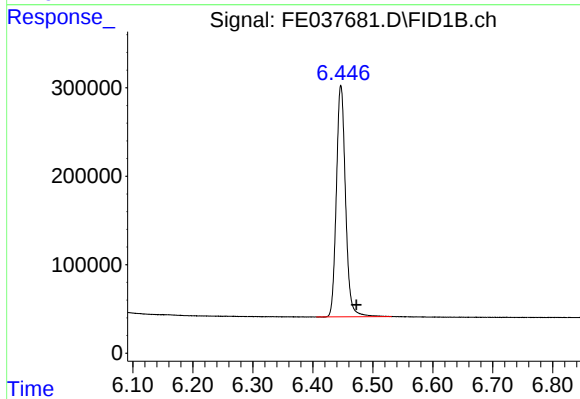
#2 n-Decane (C10)

R.T.: 4.275 min  
Delta R.T.: -0.028 min  
Response: 2711785  
Conc: 17.59 ug/ml



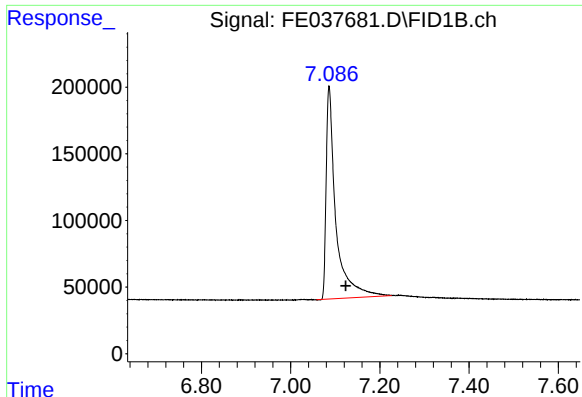
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min  
Delta R.T.: -0.038 min  
Response: 2600976  
Conc: 18.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min  
Delta R.T.: -0.026 min  
Response: 2778347  
Conc: 17.57 ug/ml



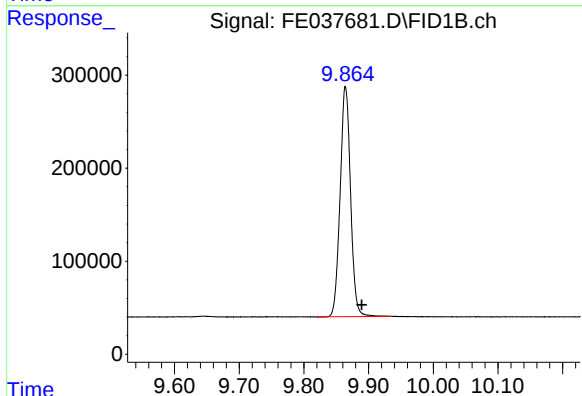
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min  
Delta R.T.: -0.037 min  
Response: 2402126  
Conc: 17.21 ug/ml

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

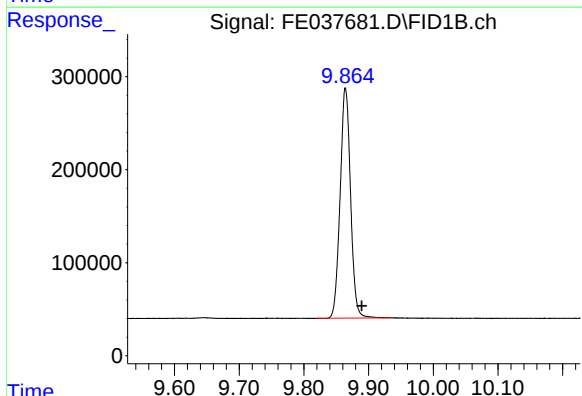
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



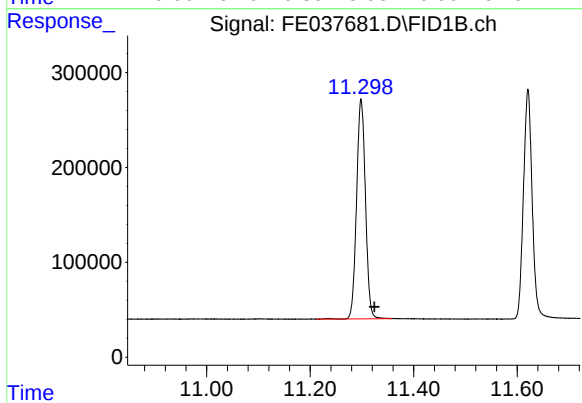
#6 n-Tetradecane (C14)

R.T.: 9.864 min  
Delta R.T.: -0.025 min  
Response: 2774317  
Conc: 17.51 ug/ml



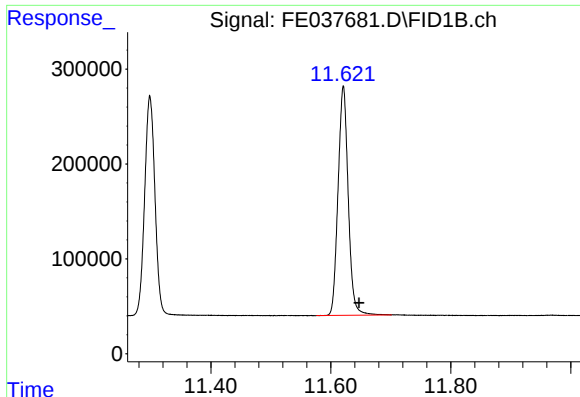
#7 n-Hexadecane (C16)

R.T.: 9.864 min  
Delta R.T.: -0.025 min  
Response: 2774317  
Conc: 17.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.298 min  
Delta R.T.: -0.026 min  
Response: 2754553  
Conc: 17.30 ug/ml



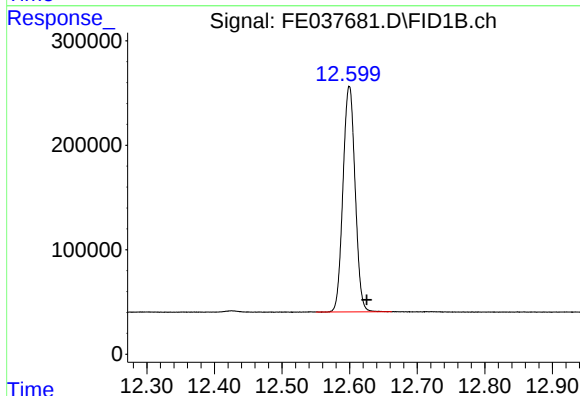
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min  
Delta R.T.: -0.026 min  
Response: 2838211  
Conc: 16.79 ug/ml

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

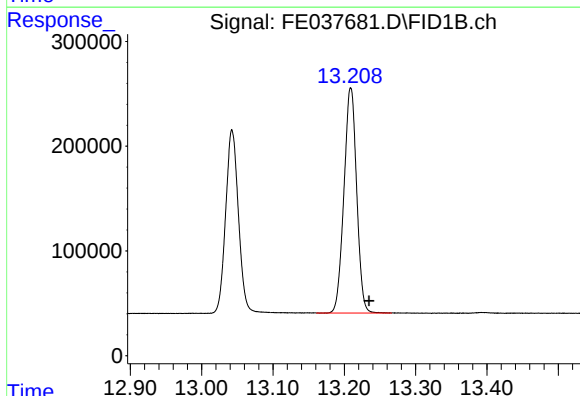
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



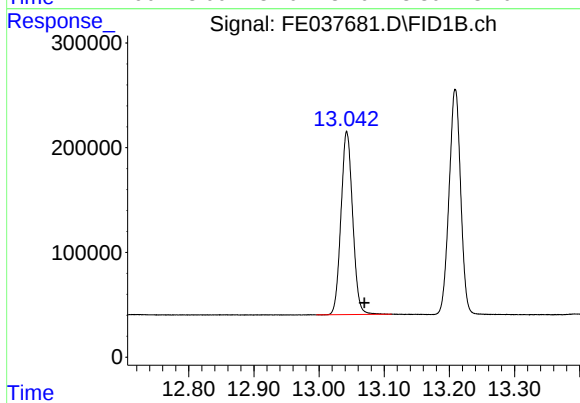
#10 n-Eicosane (C20)

R.T.: 12.600 min  
Delta R.T.: -0.026 min  
Response: 2695365  
Conc: 17.04 ug/ml



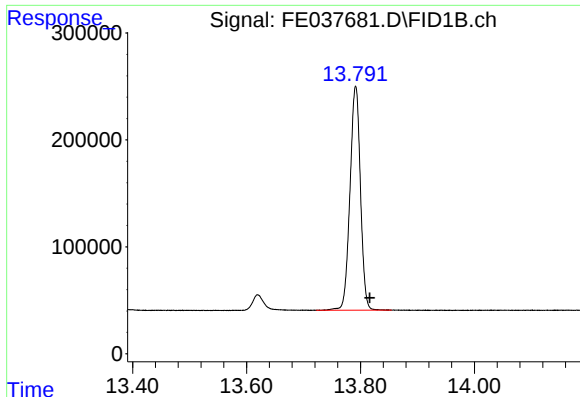
#11 n-Heneicosane (C21)

R.T.: 13.209 min  
Delta R.T.: -0.026 min  
Response: 2656485  
Conc: 16.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min  
Delta R.T.: -0.027 min  
Response: 2173740  
Conc: 16.89 ug/ml



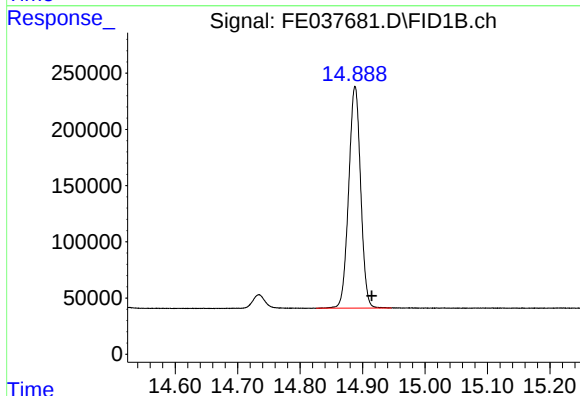
#13 n-Docosane (C22)

R.T.: 13.792 min  
Delta R.T.: -0.025 min  
Response: 2665079  
Conc: 17.12 ug/ml

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

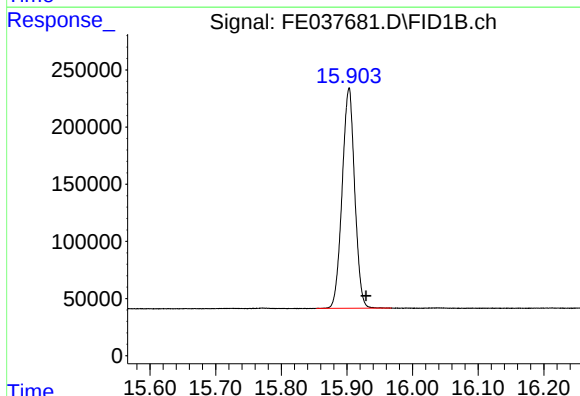
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



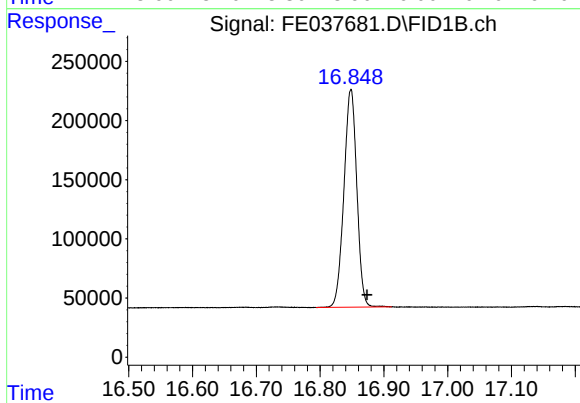
#14 n-Tetracosane (C24)

R.T.: 14.888 min  
Delta R.T.: -0.027 min  
Response: 2628077  
Conc: 17.47 ug/ml



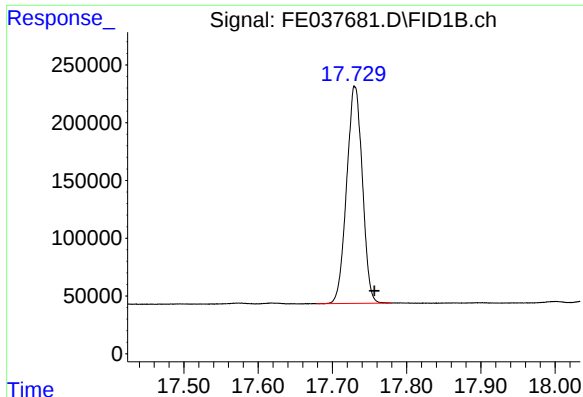
#15 n-Hexacosane (C26)

R.T.: 15.903 min  
Delta R.T.: -0.026 min  
Response: 2562973  
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min  
Delta R.T.: -0.025 min  
Response: 2584935  
Conc: 18.66 ug/ml



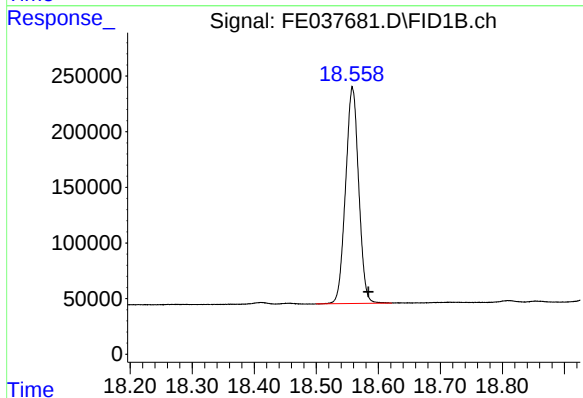
#17 n-Tricontane (C30)

R.T.: 17.730 min  
Delta R.T.: -0.027 min  
Response: 2765374  
Conc: 20.33 ug/ml

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

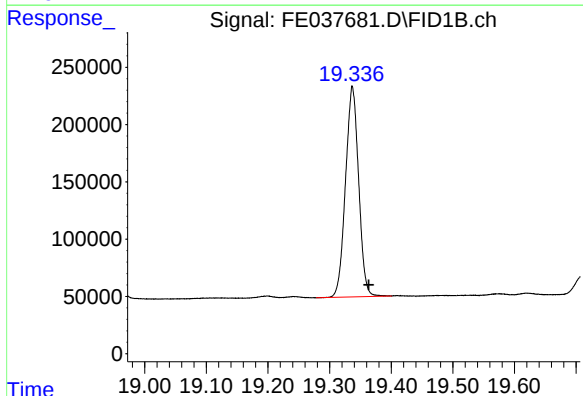
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



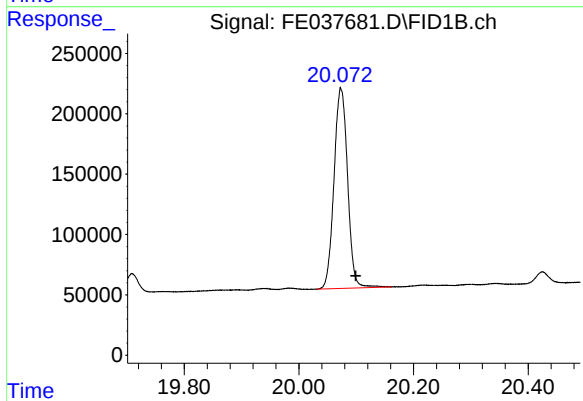
#18 n-Dotriacontane (C32)

R.T.: 18.558 min  
Delta R.T.: -0.026 min  
Response: 2857250  
Conc: 21.40 ug/ml



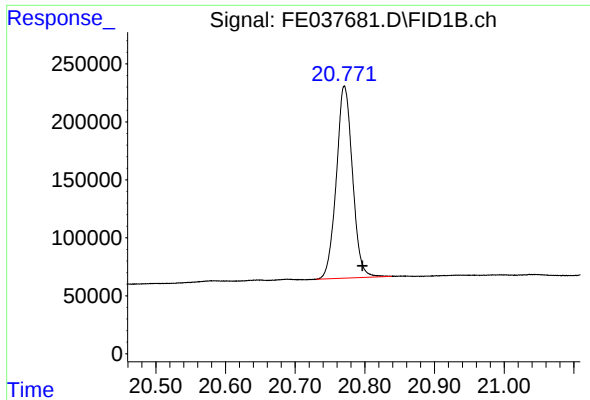
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min  
Delta R.T.: -0.026 min  
Response: 2714996  
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min  
Delta R.T.: -0.026 min  
Response: 2724886  
Conc: 21.19 ug/ml



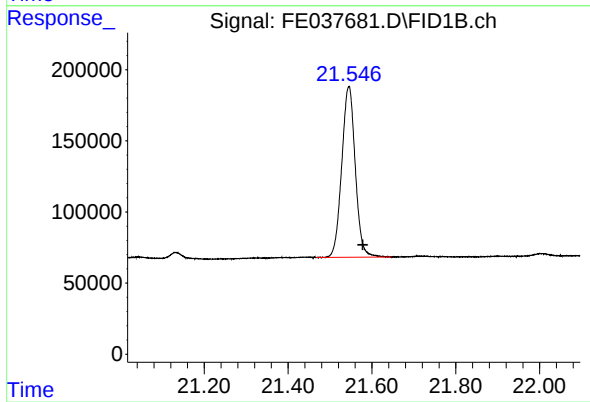
#21 n-Octatriacontane (C38)

R.T.: 20.771 min  
Delta R.T.: -0.026 min  
Response: 2671103  
Conc: 21.46 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/21/2022  
Supervised By :Ankita Jodhani 09/21/2022



#22 n-Tetracontane (C40)

R.T.: 21.545 min  
Delta R.T.: -0.033 min  
Response: 2684054  
Conc: 20.82 ug/ml