

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
 Data File : FE038144.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 09:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: sample.E
 Quant Time: Oct 14 09:50:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.599	3392504	19.614 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	13.020	2685053	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	2.995	3054783	20.741 ug/ml
2) T n-Decane (C10)	4.251	3180593	21.513 ug/ml
3) T A~Naphthalene (C11.7)	5.972	3021644	22.065 ug/ml
4) T n-Dodecane (C12)	6.423	3284082	21.552 ug/ml
5) T A~2-methylnaphthalene...	7.065	2926368	22.018 ug/ml
6) T n-Tetradecane (C14)	8.243	3309807	21.625 ug/ml
7) T n-Hexadecane (C16)	9.841	3336775	21.362 ug/ml
8) T n-Octadecane (C18)	11.274	3339142	20.818 ug/ml
10) T n-Eicosane (C20)	12.576	3288077	20.163 ug/ml
11) T n-Heneicosane (C21)	13.185	3236099	19.641 ug/ml
13) T n-Docosane (C22)	13.768	3278159	19.914 ug/ml
14) T n-Tetracosane (C24)	14.864	3186337	19.428 ug/ml
15) T n-Hexacosane (C26)	15.880	3097681	18.997 ug/ml
16) T n-Octacosane (C28)	16.823	3089875	19.288 ug/ml
17) T n-Tricontane (C30)	17.707	3222394	20.137 ug/ml
18) T n-Dotriacontane (C32)	18.535	3244854	20.606 ug/ml
19) T n-Tetratriacontane (C34)	19.314	3055960	20.627 ug/ml
20) T n-Hexatriacontane (C36)	20.050	2964274	20.561 ug/ml
21) T n-Octatriacontane (C38)	20.747	2721796	20.057 ug/ml
22) T n-Tetracontane (C40)	21.514	2953628	23.203 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
Data File : FE038144.D
Signal(s) : FID1B.ch
Acq On : 14 Oct 2022 09:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

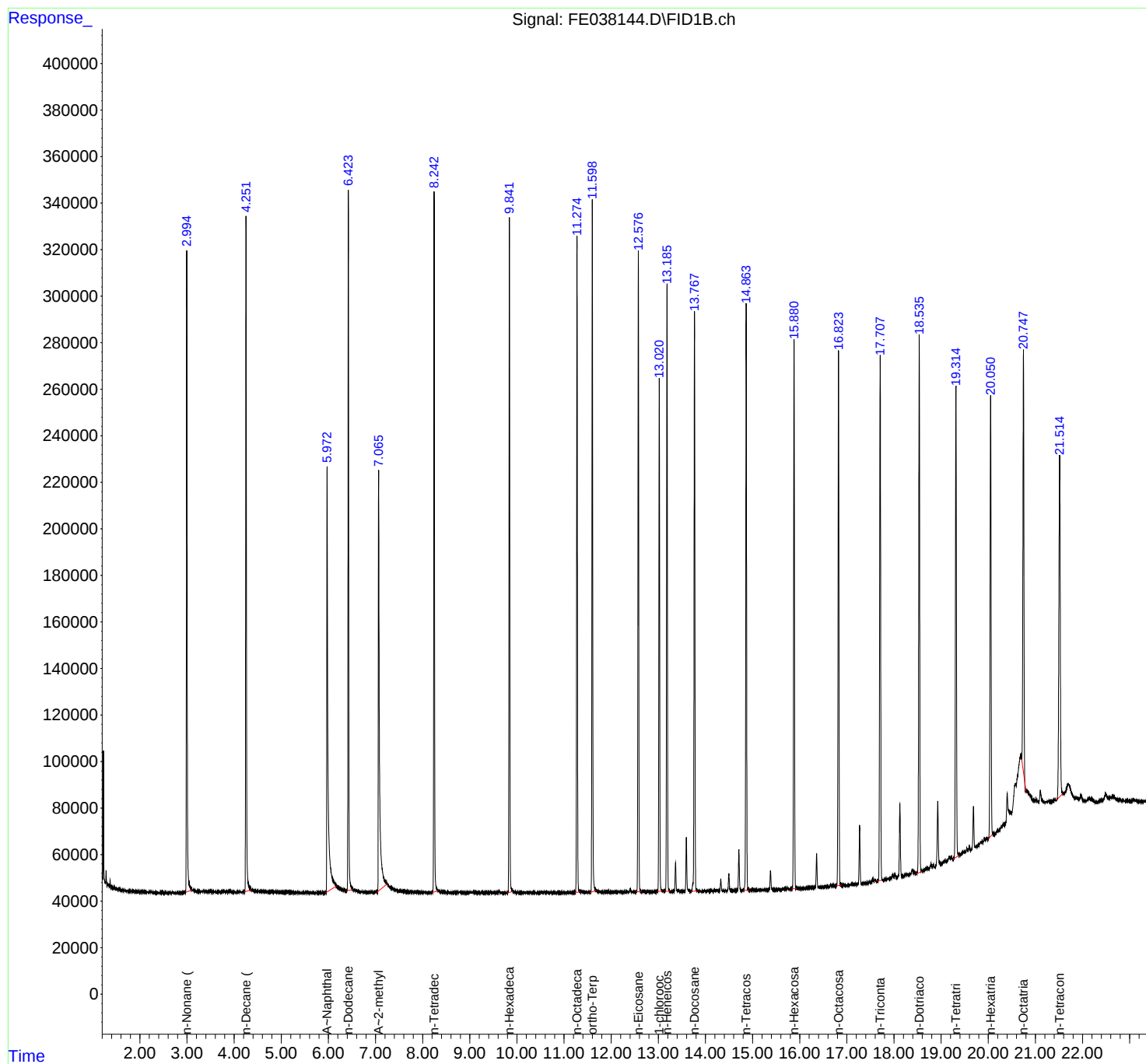
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

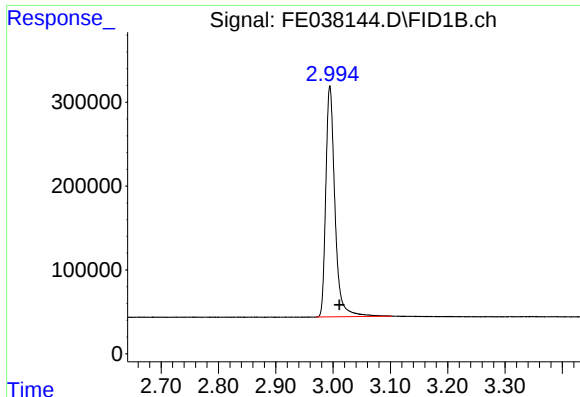
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022

Integration File: sample.E
Quant Time: Oct 14 09:50:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
Quant Title : GC Extractables
QLast Update : Wed Sep 28 06:23:29 2022
Response via : Initial Calibration
Integrator: ChemStation

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





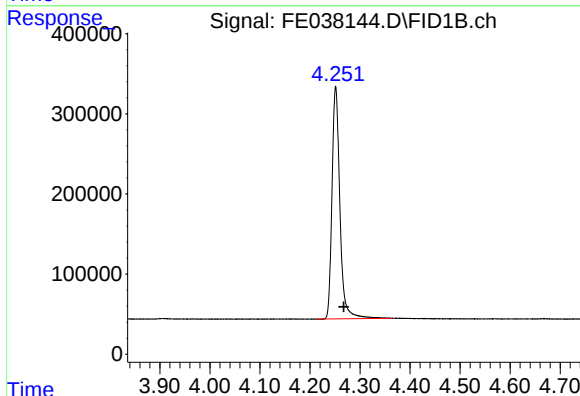
#1 n-Nonane (C9)

R.T.: 2.995 min
Delta R.T.: -0.016 min
Response: 3054783
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

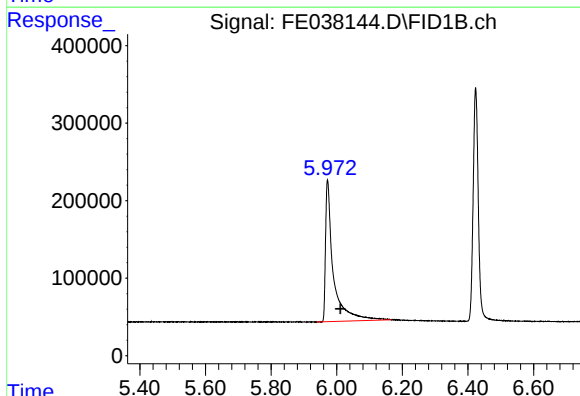
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



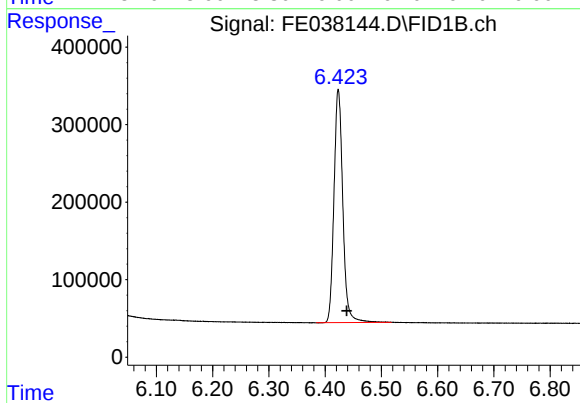
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 3180593
Conc: 21.51 ug/ml



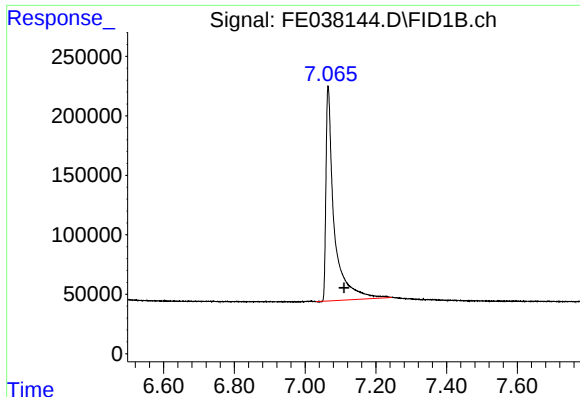
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.039 min
Response: 3021644
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.015 min
Response: 3284082
Conc: 21.55 ug/ml



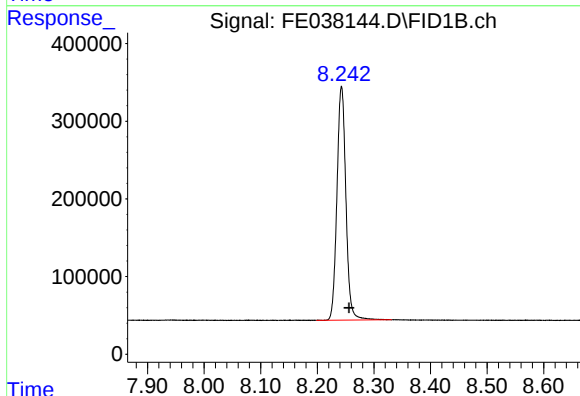
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.044 min
Response: 2926368
Conc: 22.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

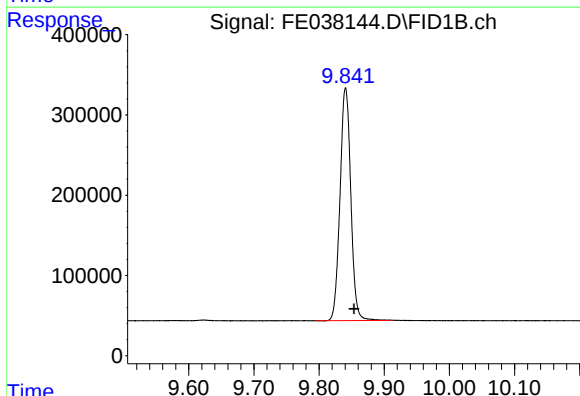
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



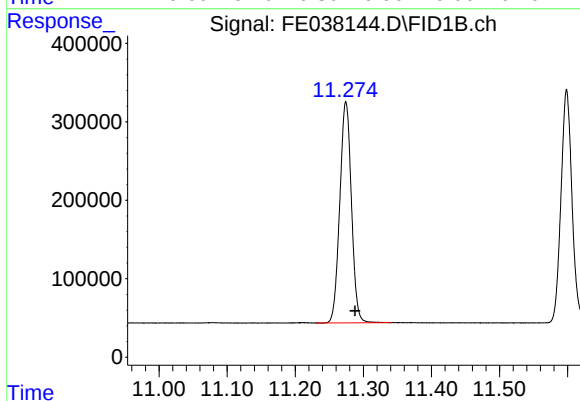
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.013 min
Response: 3309807
Conc: 21.63 ug/ml



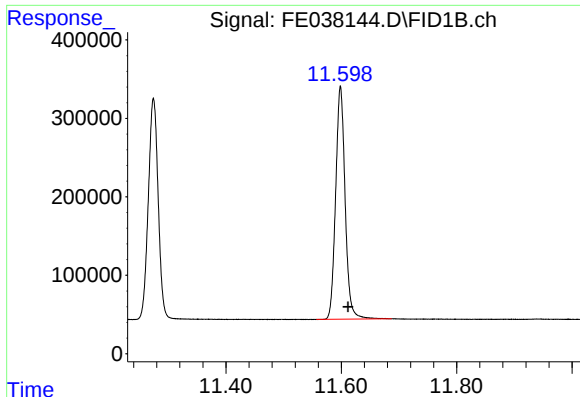
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 3336775
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.013 min
Response: 3339142
Conc: 20.82 ug/ml



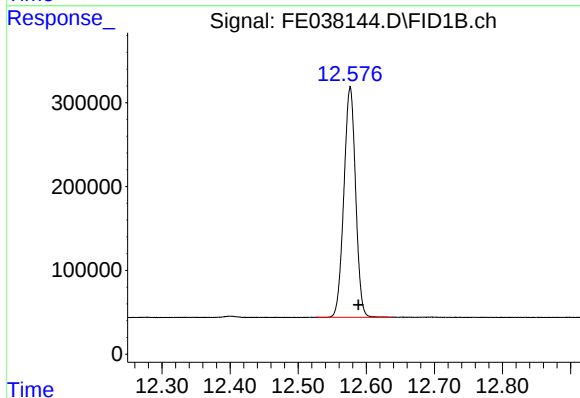
#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: -0.013 min
Response: 3392504
Conc: 19.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

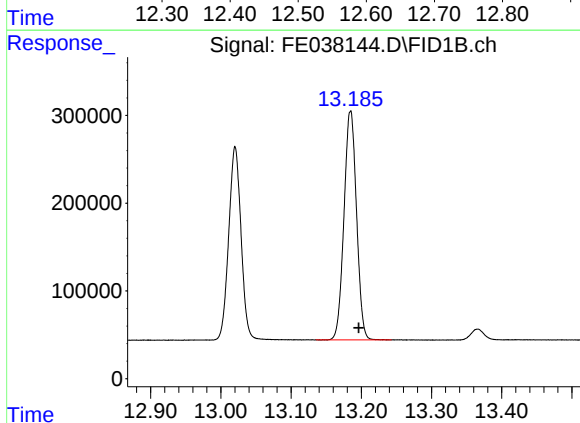
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



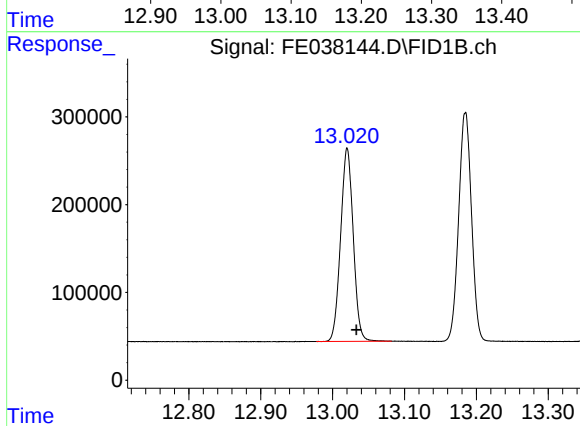
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.012 min
Response: 3288077
Conc: 20.16 ug/ml



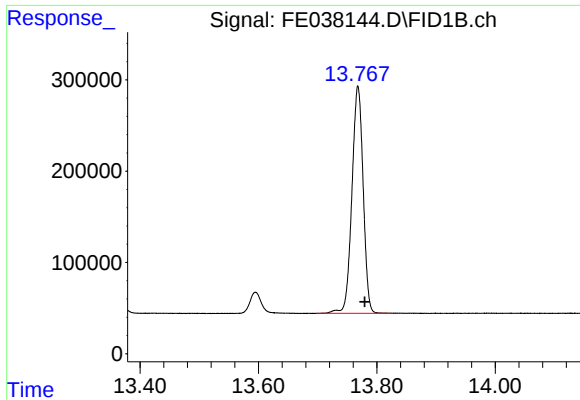
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 3236099
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: -0.013 min
Response: 2685053
Conc: 19.87 ug/ml



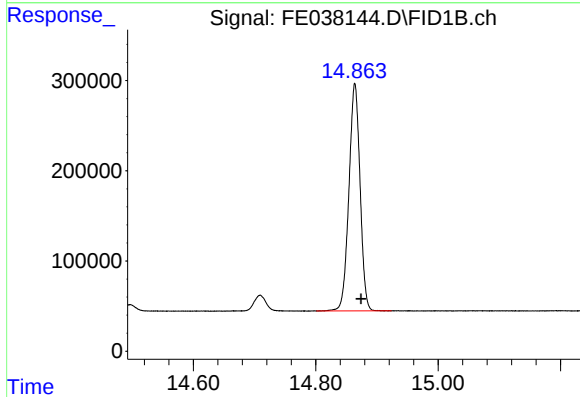
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.011 min
Response: 3278159
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

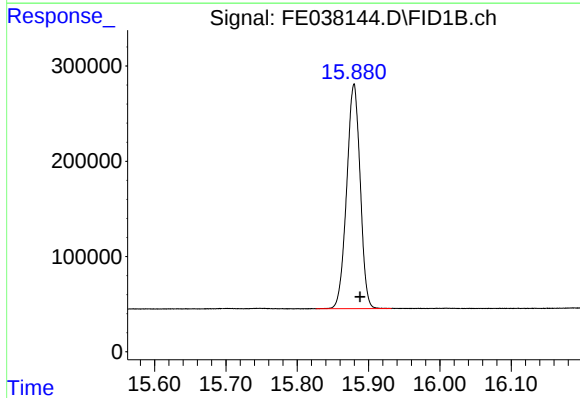
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



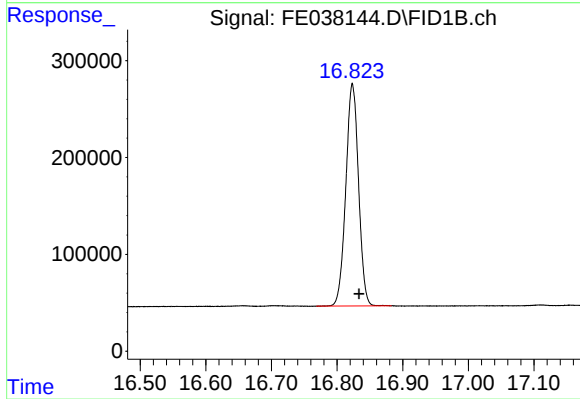
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 3186337
Conc: 19.43 ug/ml



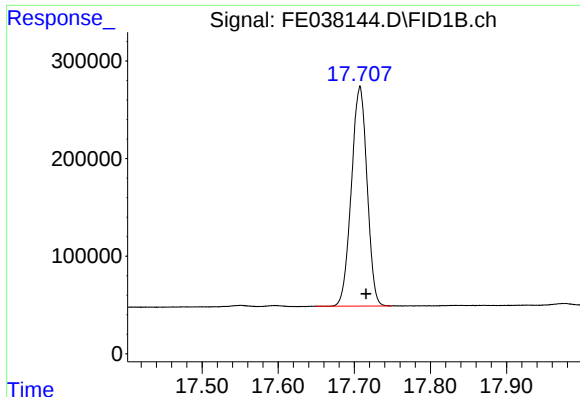
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.008 min
Response: 3097681
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.010 min
Response: 3089875
Conc: 19.29 ug/ml



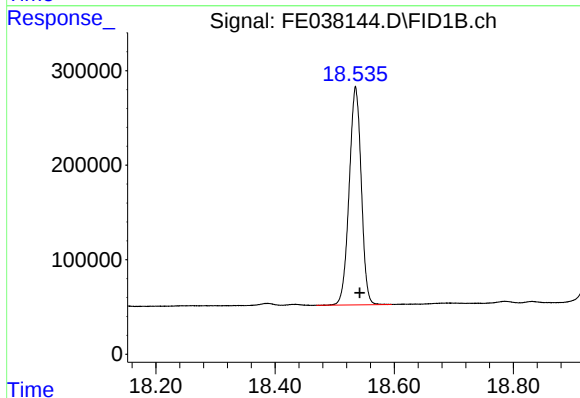
#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.008 min
Response: 3222394
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

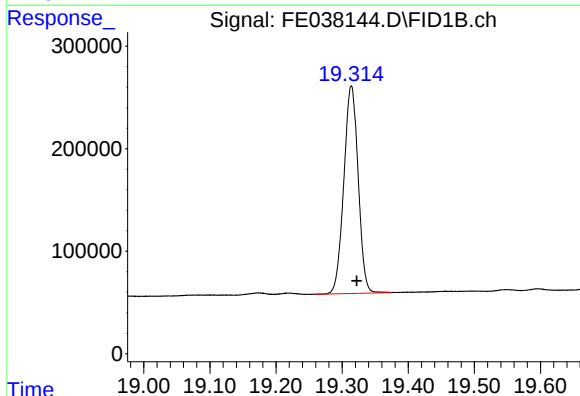
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



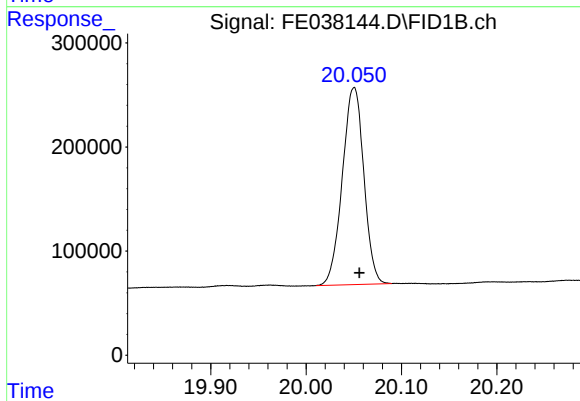
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.007 min
Response: 3244854
Conc: 20.61 ug/ml



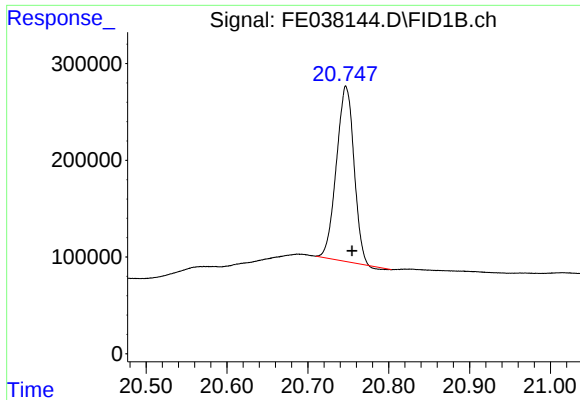
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.008 min
Response: 3055960
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.006 min
Response: 2964274
Conc: 20.56 ug/ml



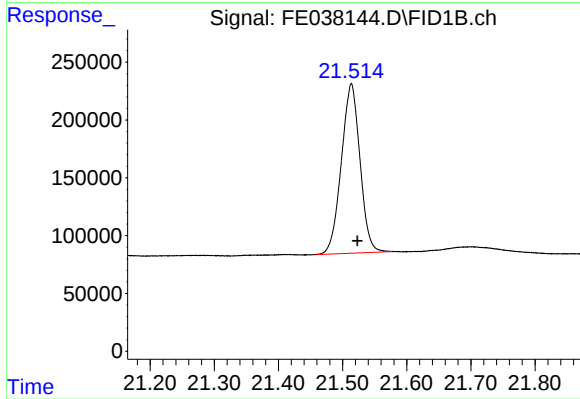
#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.007 min
Response: 2721796
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: -0.010 min
Response: 2953628
Conc: 23.20 ug/ml m