

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036885.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2022 00:08
 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 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:22:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.835	3240260	17.398 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
12) S 1-chlorooctadecane (S...	13.275	2535724	16.666 ug/ml
Spiked Amount 50.000		Recovery =	33.33%
Target Compounds			
1) T n-Nonane (C9)	3.225	2978235	19.319 ug/ml
2) T n-Decane (C10)	4.479	2996351	19.438 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3256766	19.058 ug/ml
4) T n-Dodecane (C12)	6.648	3042017	19.369 ug/ml
5) T A~2-methylnaphthalene...	7.277	3231294	18.801 ug/ml
6) T n-Tetradecane (C14)	8.474	3069103	18.799 ug/ml
7) T n-Hexadecane (C16)	10.080	3010889	18.267 ug/ml
8) T n-Octadecane (C18)	11.523	3000923	17.658 ug/ml
10) T n-Eicosane (C20)	12.831	2908712	17.100 ug/ml
11) T n-Heneicosane (C21)	13.442	2866718	16.749 ug/ml
13) T n-Docosane (C22)	14.028	2820288	16.519 ug/ml
14) T n-Tetracosane (C24)	15.131	2777090	16.291 ug/ml
15) T n-Hexacosane (C26)	16.153	2644596	15.818 ug/ml
16) T n-Octacosane (C28)	17.103	2619522	16.039 ug/ml
17) T n-Tricontane (C30)	17.991	2538429	16.705 ug/ml
18) T n-Dotriacontane (C32)	18.824	2137082	17.769 ug/ml
19) T n-Tetratriacontane (C34)	19.610	1564283	18.784 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	1195814	20.366 ug/mlm
21) T n-Octatriacontane (C38)	21.072	1135739	22.652 ug/mlm
22) T n-Tetracontane (C40)	21.952	1142241	22.118 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
Data File : FE036885.D
Signal(s) : FID1B.ch
Acq On : 05 Aug 2022 00:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

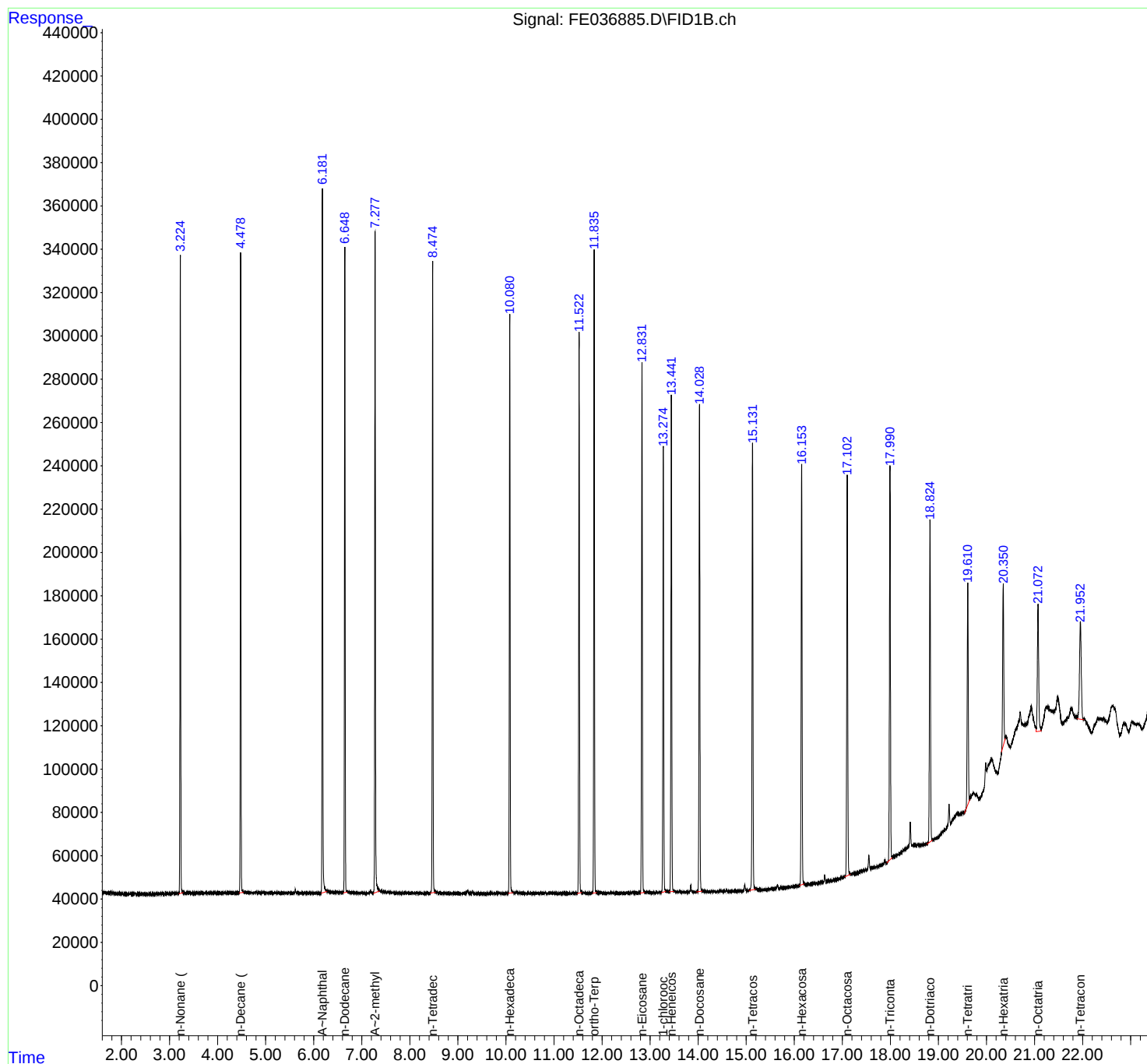
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

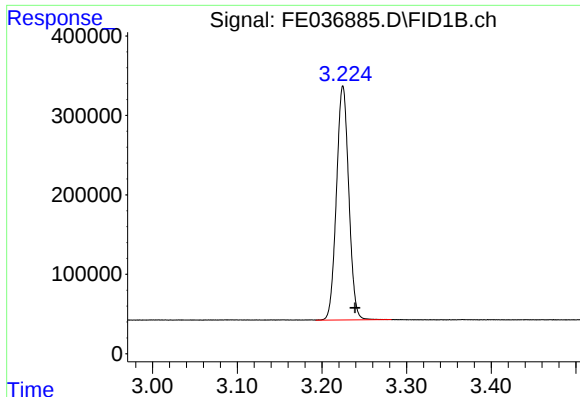
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
Quant Time: Aug 05 04:22:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
Quant Title : GC Extractables
QLast Update : Mon Jul 18 02:35:21 2022
Response via : Initial Calibration
Integrator: ChemStation

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





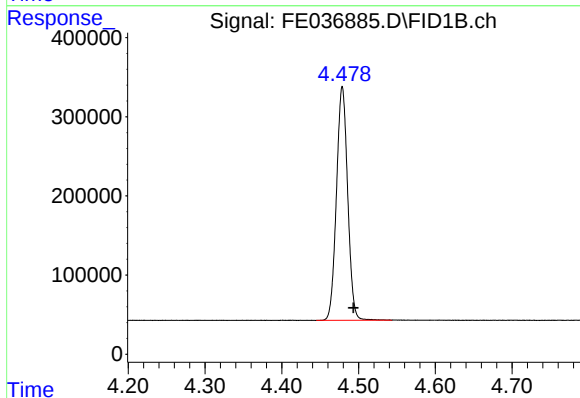
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 2978235
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

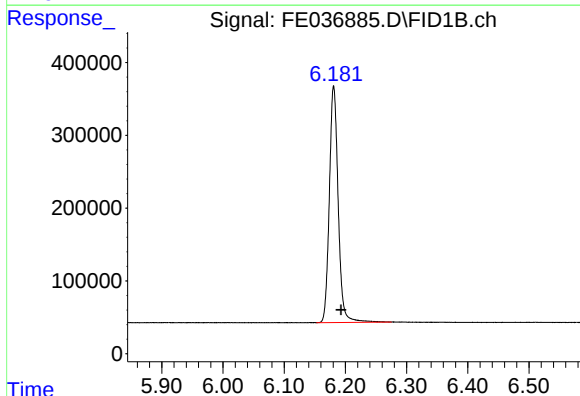
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



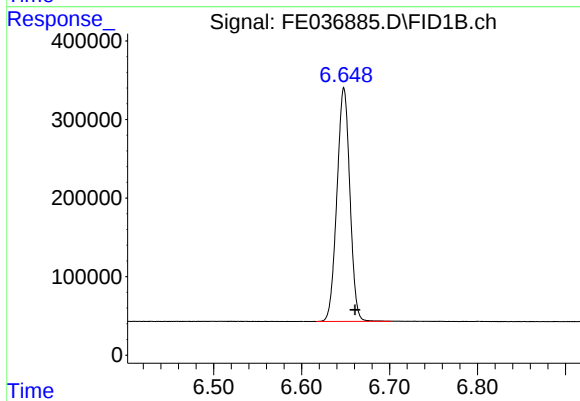
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.014 min
Response: 2996351
Conc: 19.44 ug/ml



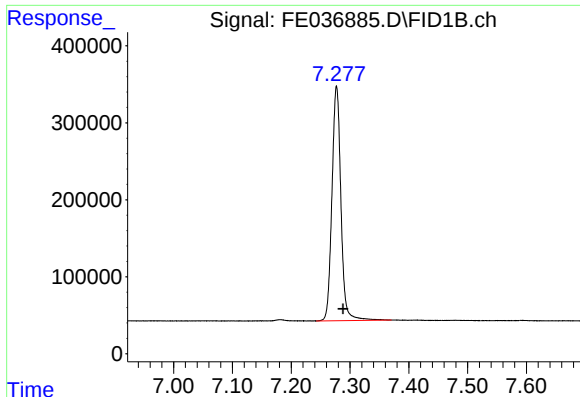
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 3256766
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.013 min
Response: 3042017
Conc: 19.37 ug/ml



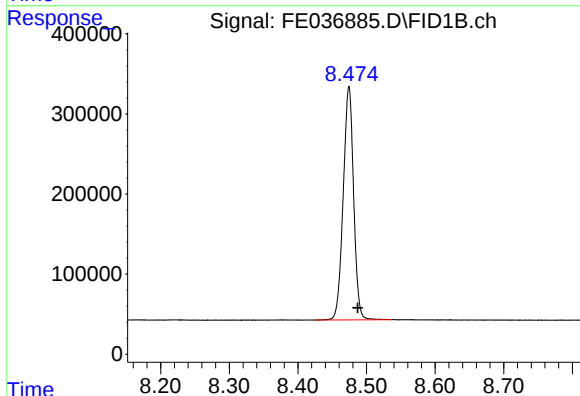
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.011 min
Response: 3231294
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

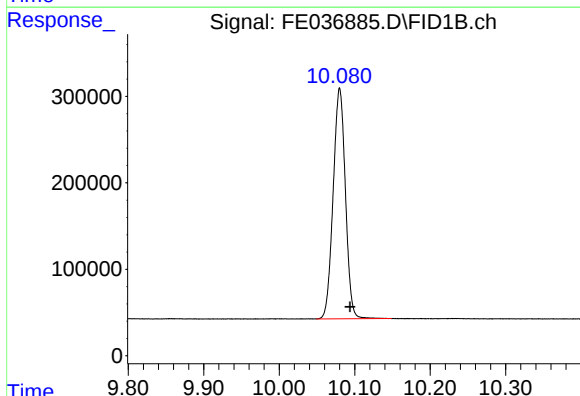
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



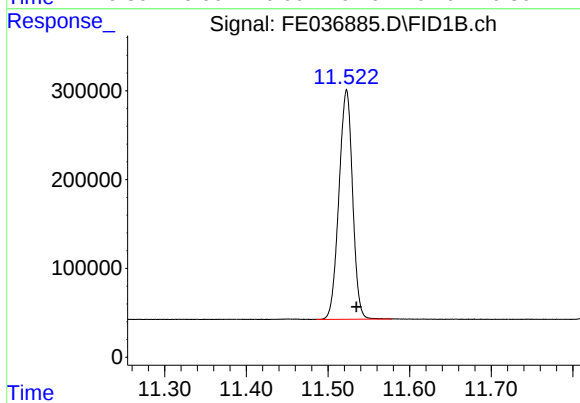
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 3069103
Conc: 18.80 ug/ml



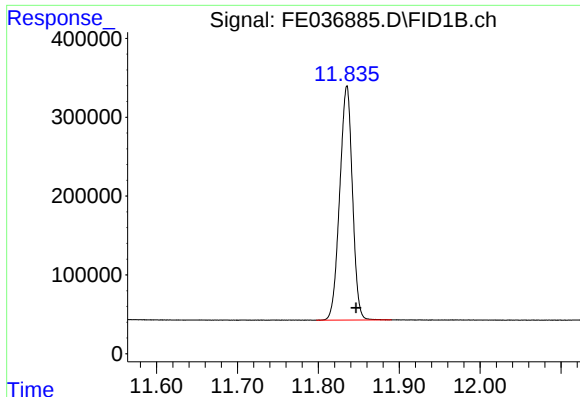
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 3010889
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 3000923
Conc: 17.66 ug/ml



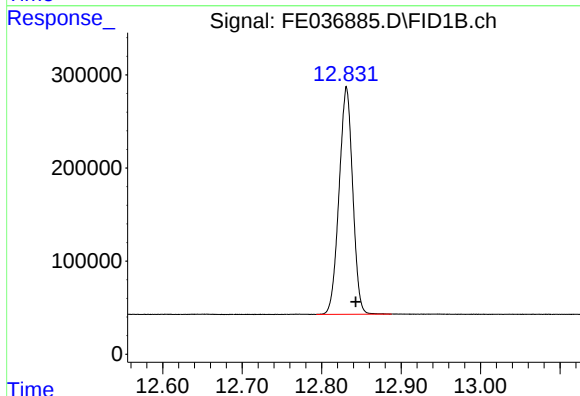
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.011 min
Response: 3240260
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

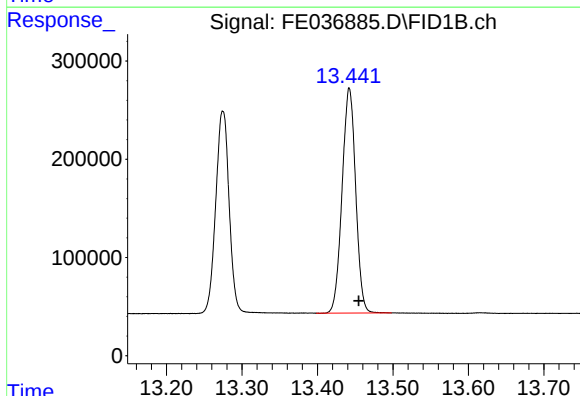
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



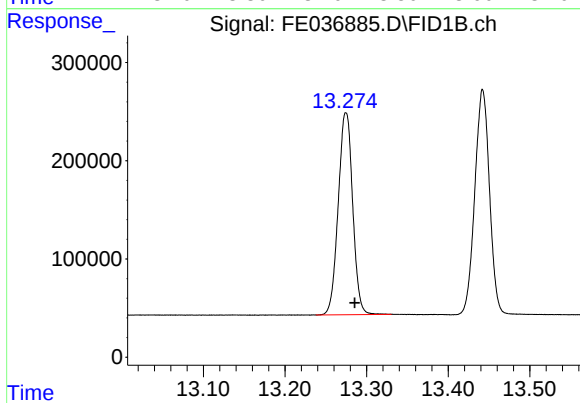
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 2908712
Conc: 17.10 ug/ml



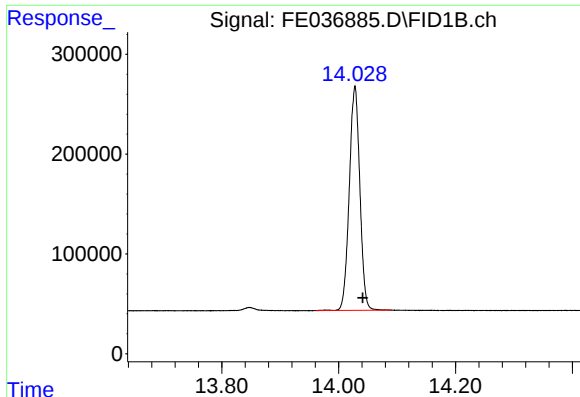
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 2866718
Conc: 16.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 2535724
Conc: 16.67 ug/ml



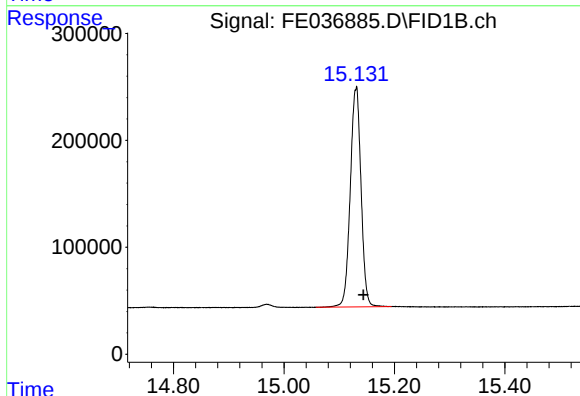
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 2820288
Conc: 16.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

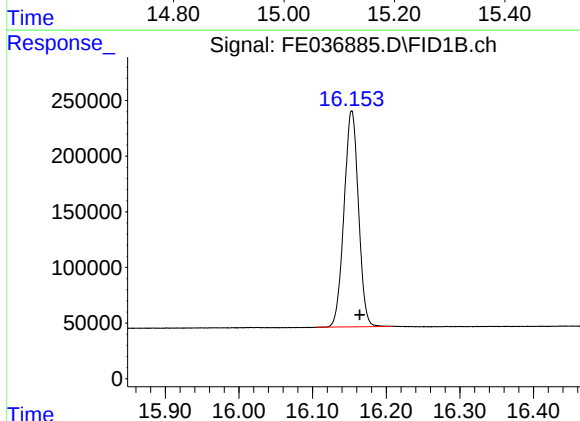
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



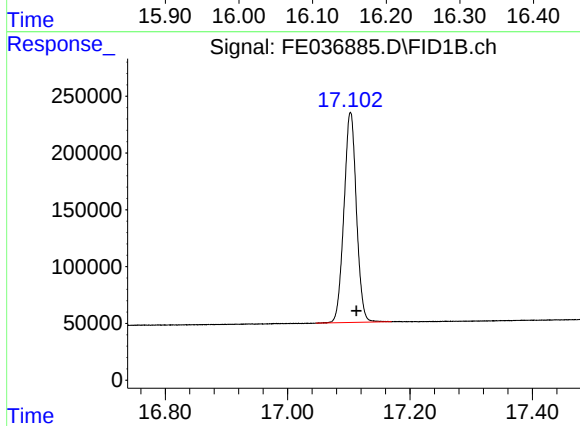
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 2777090
Conc: 16.29 ug/ml



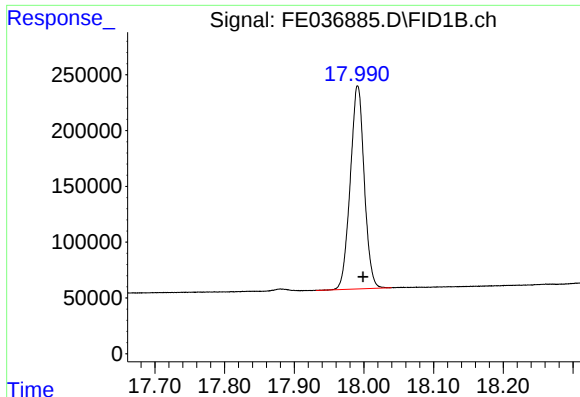
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 2644596
Conc: 15.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 2619522
Conc: 16.04 ug/ml



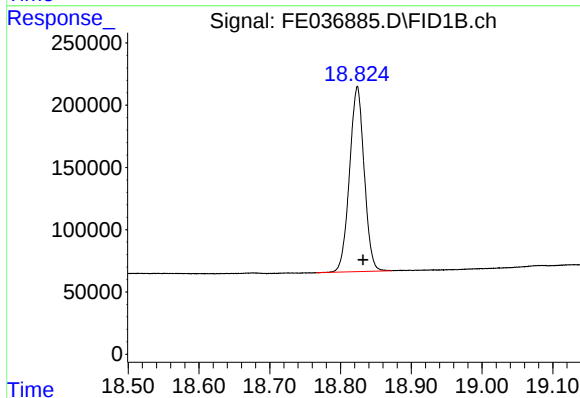
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.008 min
Response: 2538429
Conc: 16.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

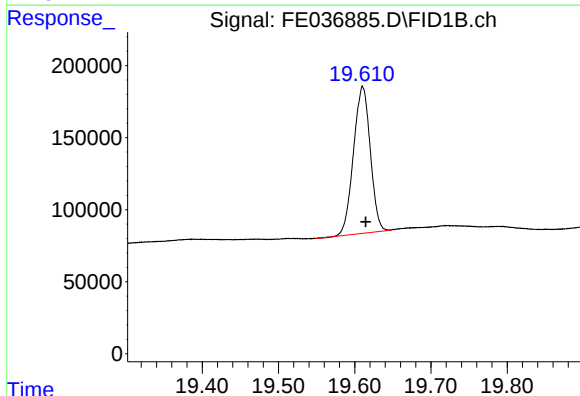
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



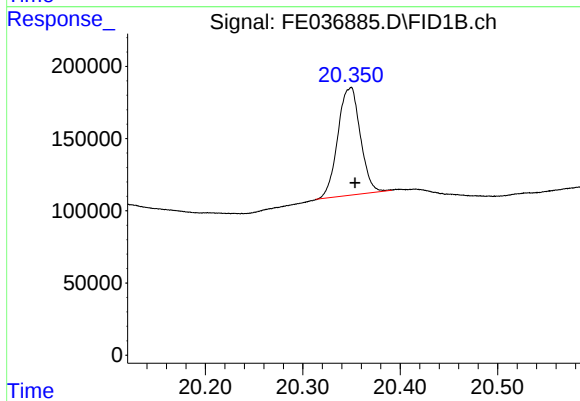
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 2137082
Conc: 17.77 ug/ml



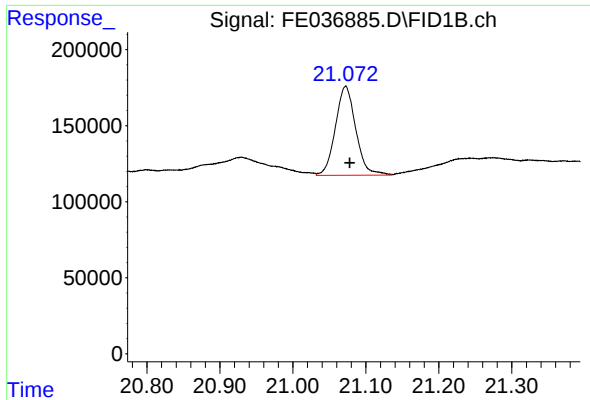
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.005 min
Response: 1564283
Conc: 18.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.004 min
Response: 1195814
Conc: 20.37 ug/ml m



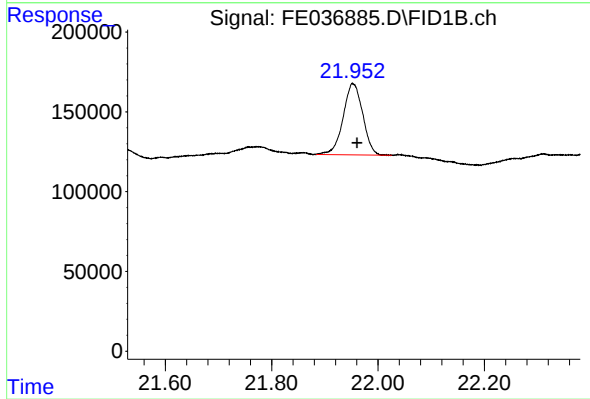
#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.006 min
Response: 1135739
Conc: 22.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2022
Supervised By :Ankita Jodhani 08/05/2022



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.008 min
Response: 1142241
Conc: 22.12 ug/ml m