

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
 Data File : FE038133.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 02:47
 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 05:51:59 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)	11.601	3267664	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.023	2586150	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	2.996	2988772	20.293 ug/ml
2) T n-Decane (C10)	4.253	3096651	20.945 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2963804	21.643 ug/ml
4) T n-Dodecane (C12)	6.425	3182794	20.887 ug/ml
5) T A~2-methylnaphthalene...	7.067	2816140	21.189 ug/ml
6) T n-Tetradecane (C14)	8.245	3202229	20.923 ug/ml
7) T n-Hexadecane (C16)	9.844	3212482	20.567 ug/ml
8) T n-Octadecane (C18)	11.278	3209264	20.008 ug/ml
10) T n-Eicosane (C20)	12.579	3157314	19.362 ug/ml
11) T n-Heneicosane (C21)	13.189	3108901	18.869 ug/ml
13) T n-Docosane (C22)	13.770	3152341	19.150 ug/ml
14) T n-Tetracosane (C24)	14.867	3075627	18.753 ug/ml
15) T n-Hexacosane (C26)	15.882	2996262	18.375 ug/ml
16) T n-Octacosane (C28)	16.826	3000403	18.729 ug/ml
17) T n-Tricontane (C30)	17.710	3144694	19.651 ug/ml
18) T n-Dotriacontane (C32)	18.537	3165289	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2964957	20.012 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2905012	20.150 ug/ml
21) T n-Octatriacontane (C38)	20.751	2874820	21.185 ug/ml
22) T n-Tetracontane (C40)	21.519	2907994	22.845 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
Data File : FE038133.D
Signal(s) : FID1B.ch
Acq On : 14 Oct 2022 02:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

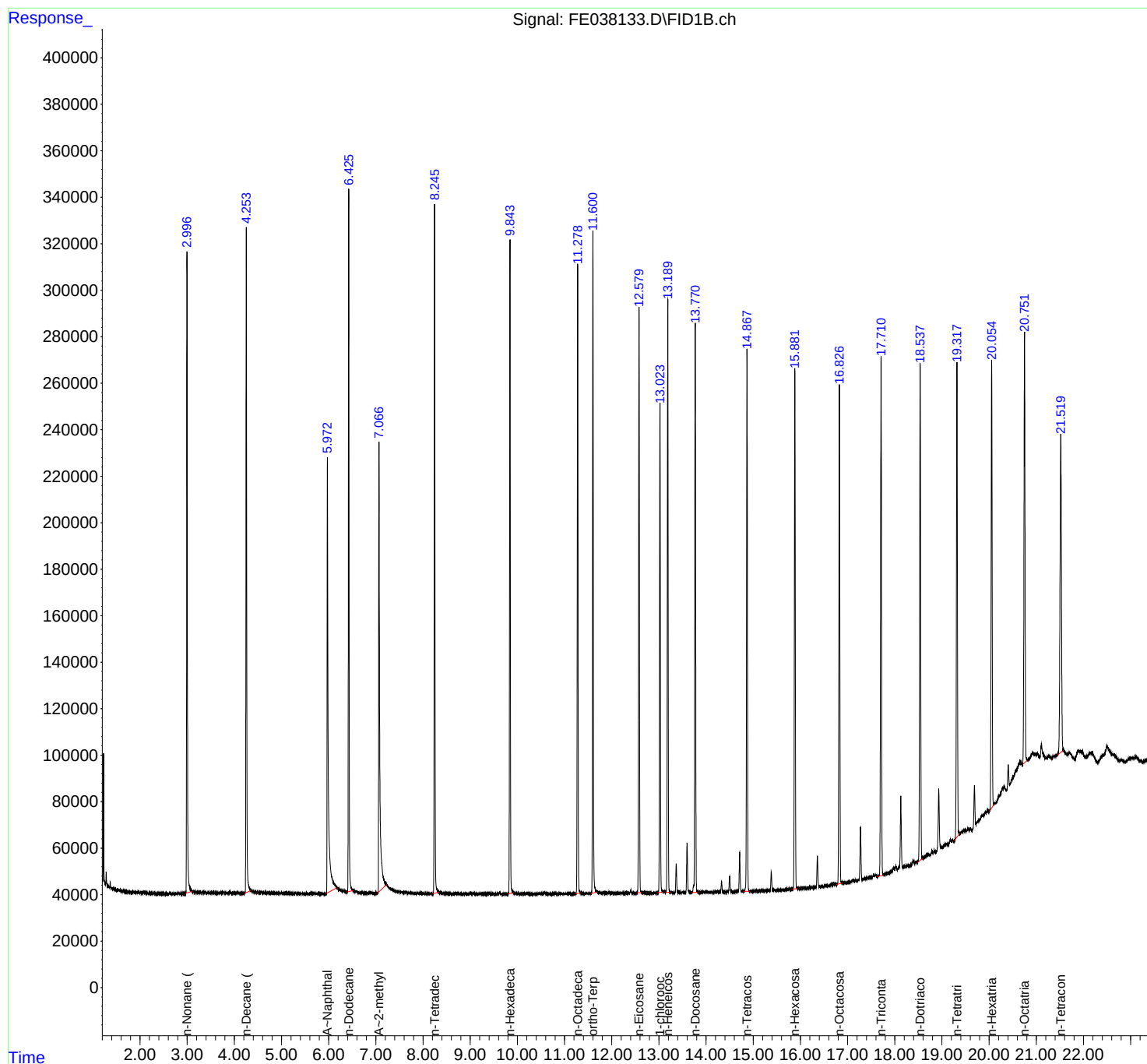
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

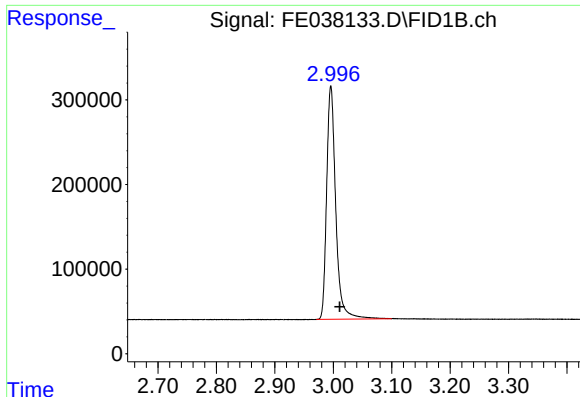
Manual Integrations
APPROVED

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

Integration File: sample.E
Quant Time: Oct 14 05:51:59 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





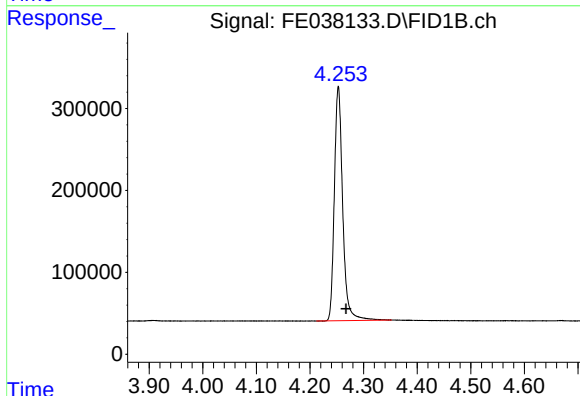
#1 n-Nonane (C9)

R.T.: 2.996 min
Delta R.T.: -0.015 min
Response: 2988772
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

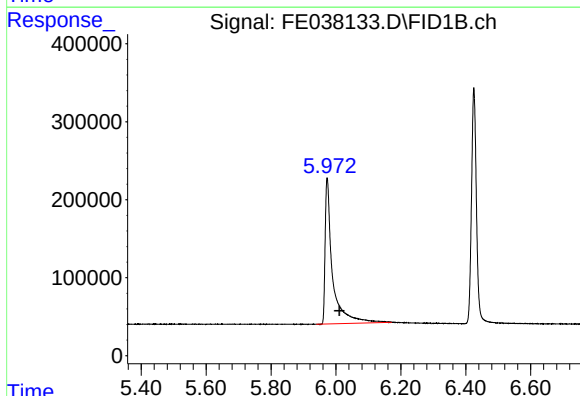
Manual Integrations
APPROVED

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



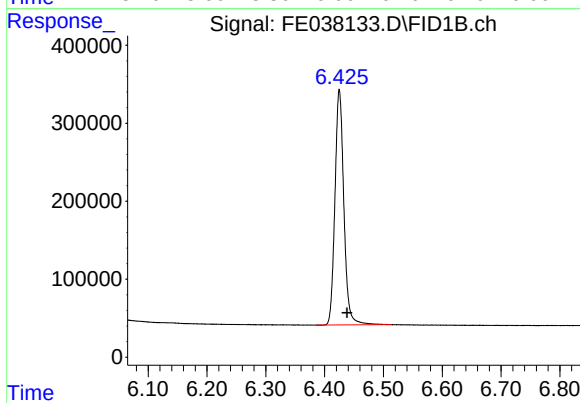
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: -0.014 min
Response: 3096651
Conc: 20.94 ug/ml



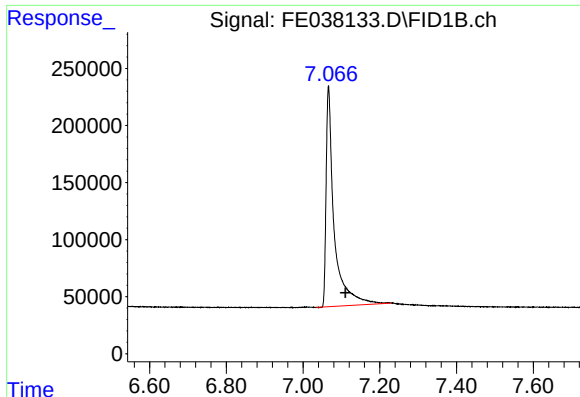
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.038 min
Response: 2963804
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.013 min
Response: 3182794
Conc: 20.89 ug/ml



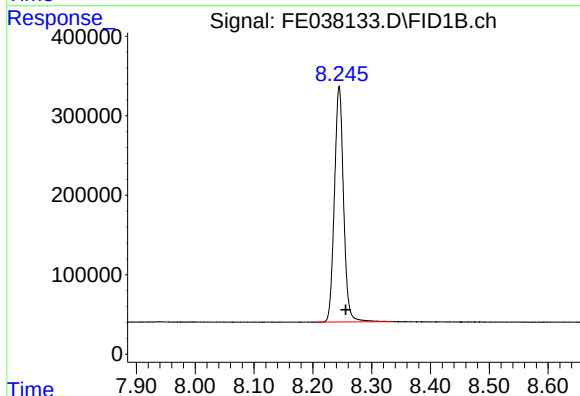
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: -0.043 min
Response: 2816140
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

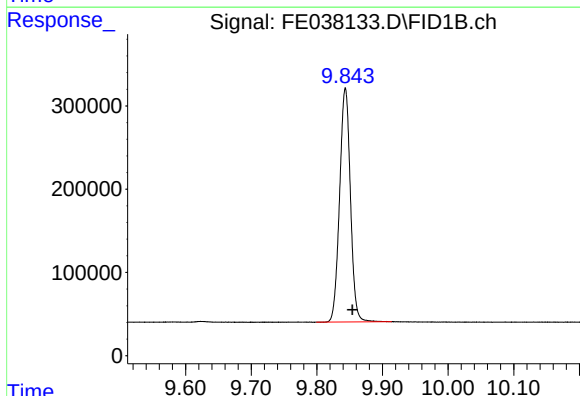
Manual Integrations
APPROVED

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



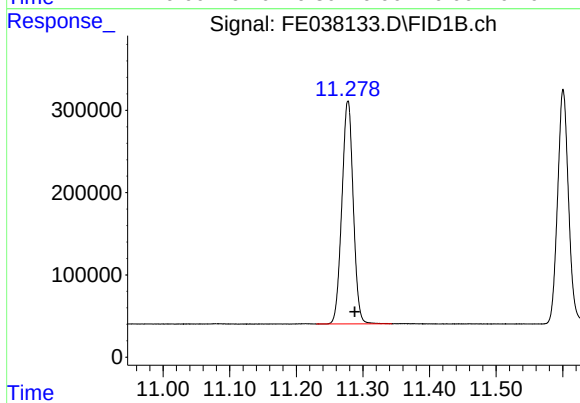
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 3202229
Conc: 20.92 ug/ml



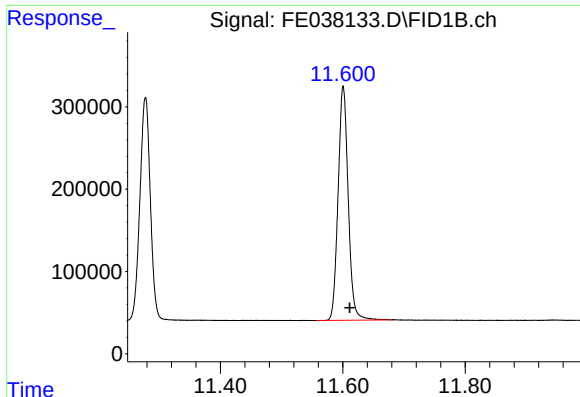
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.011 min
Response: 3212482
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: -0.010 min
Response: 3209264
Conc: 20.01 ug/ml



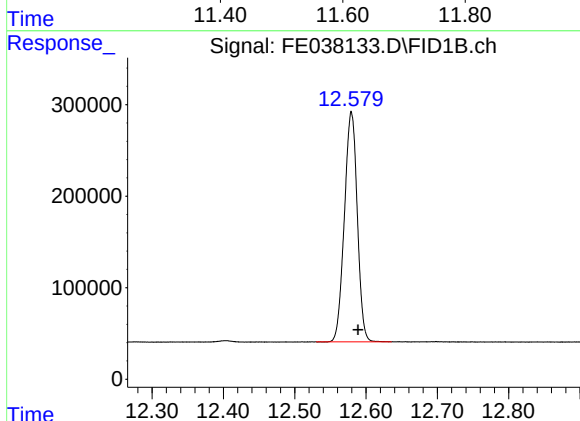
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.011 min
Response: 3267664
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

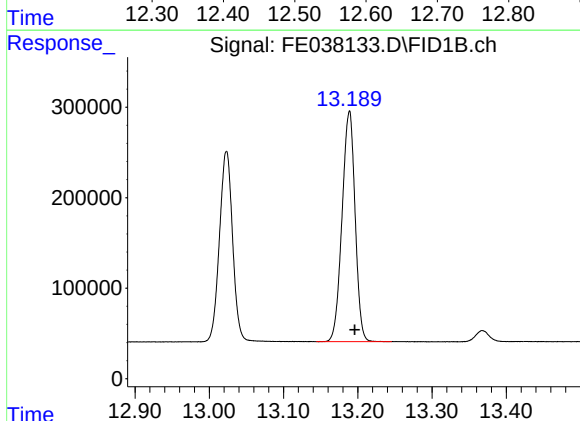
Manual Integrations
APPROVED

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



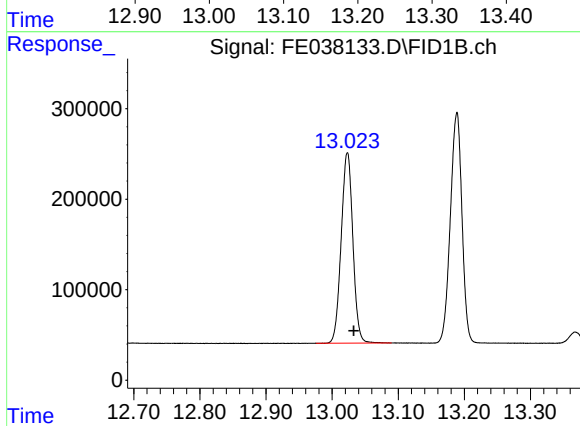
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.009 min
Response: 3157314
Conc: 19.36 ug/ml



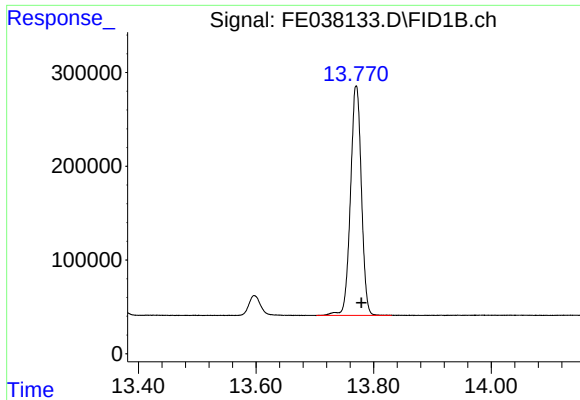
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.007 min
Response: 3108901
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 2586150
Conc: 19.13 ug/ml



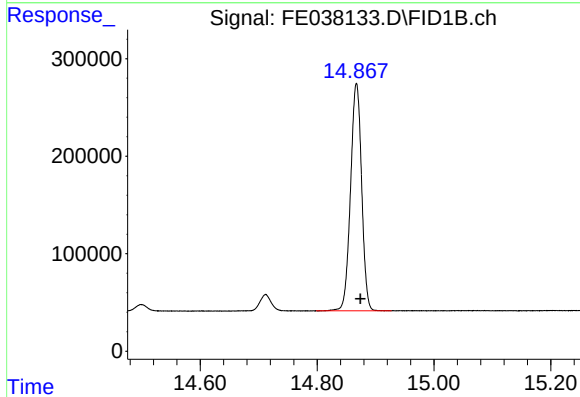
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: -0.009 min
Response: 3152341
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

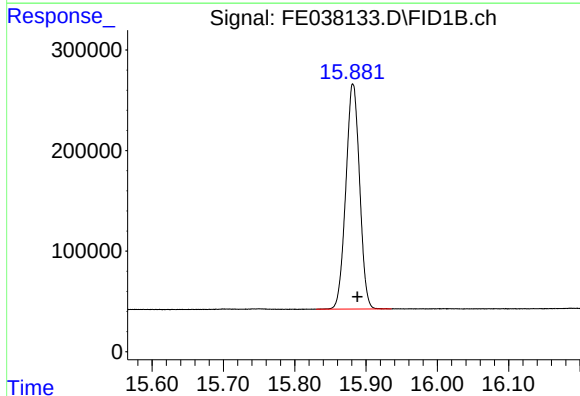
Manual Integrations
APPROVED

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



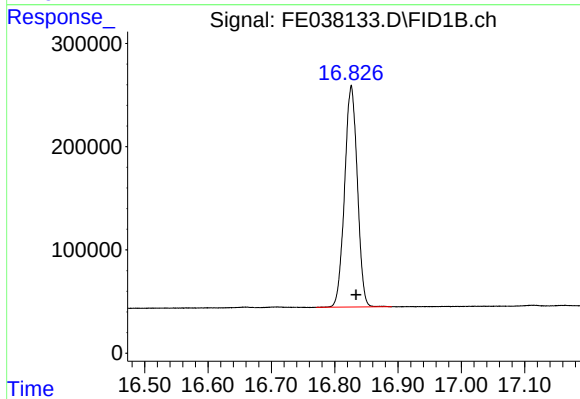
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.007 min
Response: 3075627
Conc: 18.75 ug/ml



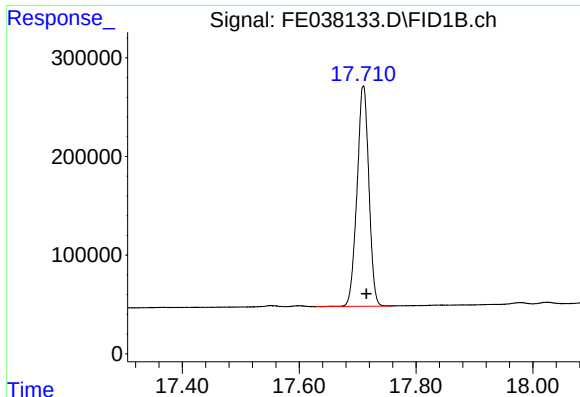
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.006 min
Response: 2996262
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.007 min
Response: 3000403
Conc: 18.73 ug/ml



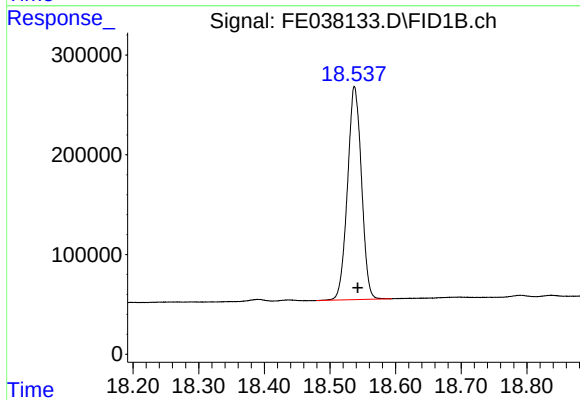
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.006 min
Response: 3144694
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

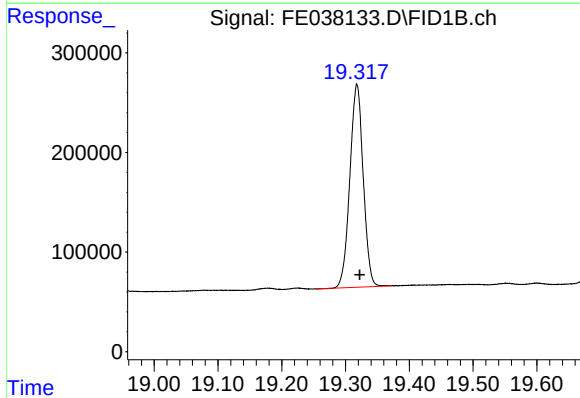
Manual Integrations
APPROVED

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



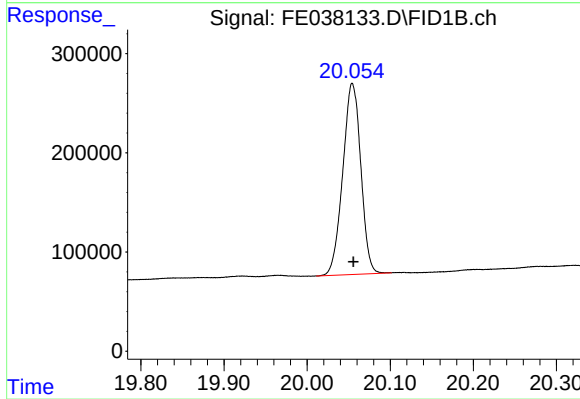
#18 n-Dotriacontane (C32)

R.T.: 18.537 min
Delta R.T.: -0.005 min
Response: 3165289
Conc: 20.10 ug/ml



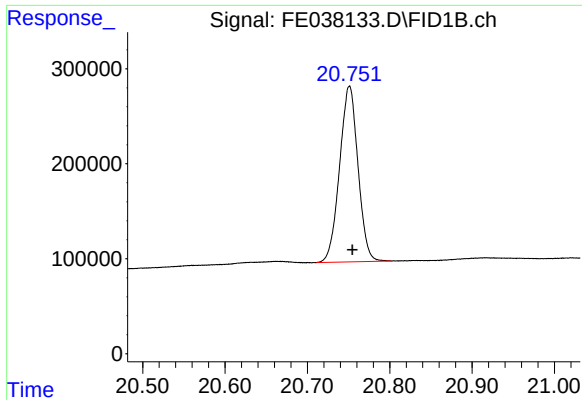
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.004 min
Response: 2964957
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 2905012
Conc: 20.15 ug/ml



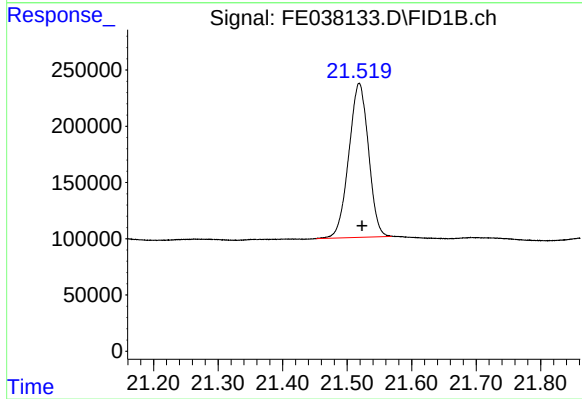
#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.003 min
Response: 2874820
Conc: 21.19 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.: 21.519 min
Delta R.T.: -0.004 min
Response: 2907994
Conc: 22.84 ug/ml m