

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101923AL\
 Data File : FE044920.D
 Signal(s) : FID1B.ch
 Acq On : 19 Oct 2023 12:50
 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 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
 Quant Time: Oct 20 01:14:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.902	3832308	19.117 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	13.344	2744015	18.542 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.286	3230409	19.257 ug/ml
2) T n-Decane (C10)	4.538	3381267	19.849 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3593581	19.412 ug/ml
4) T n-Dodecane (C12)	6.704	3381178	19.587 ug/ml
5) T A~2-methylnaphthalene...	7.335	3449553	19.123 ug/ml
6) T n-Tetradecane (C14)	8.531	3305229	19.275 ug/ml
7) T n-Hexadecane (C16)	10.142	3345963	19.134 ug/ml
8) T n-Octadecane (C18)	11.588	3326622	19.073 ug/ml
10) T n-Eicosane (C20)	12.899	3165308	18.951 ug/ml
11) T n-Heneicosane (C21)	13.511	3079944	18.894 ug/ml
13) T n-Docosane (C22)	14.099	3053622	19.091 ug/ml
14) T n-Tetracosane (C24)	15.205	3021211	19.467 ug/ml
15) T n-Hexacosane (C26)	16.227	2982254	19.864 ug/ml
16) T n-Octacosane (C28)	17.179	3047941	20.756 ug/ml
17) T n-Tricontane (C30)	18.069	3304294	22.217 ug/ml
18) T n-Dotriacontane (C32)	18.901	3452462	23.002 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3327220	22.351 ug/ml
20) T n-Hexatriacontane (C36)	20.426	3261165	21.212 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3224266	20.641 ug/ml
22) T n-Tetracontane (C40)	22.082	3306929	19.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101923AL\
Data File : FE044920.D
Signal(s) : FID1B.ch
Acq On : 19 Oct 2023 12:50
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

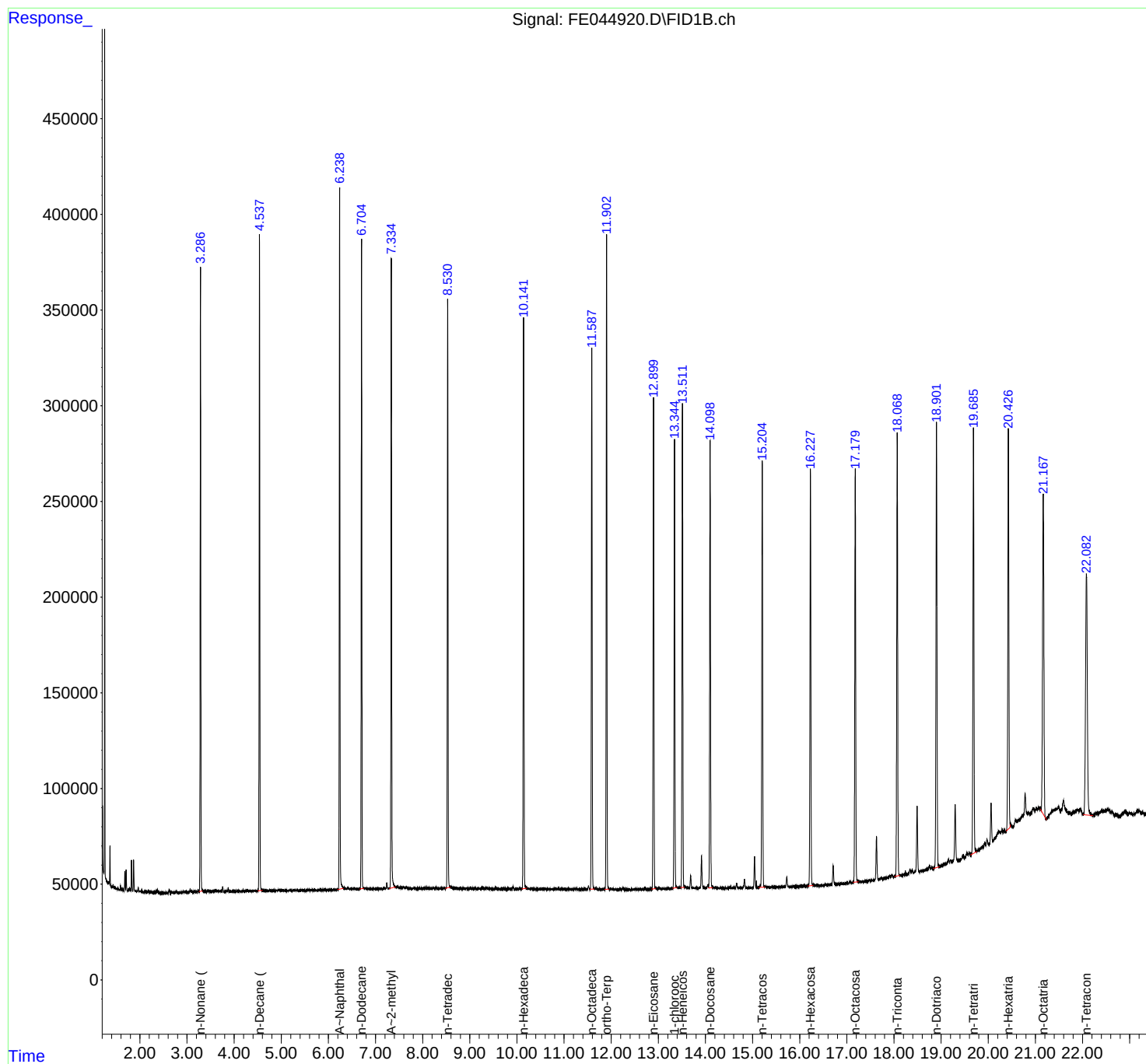
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

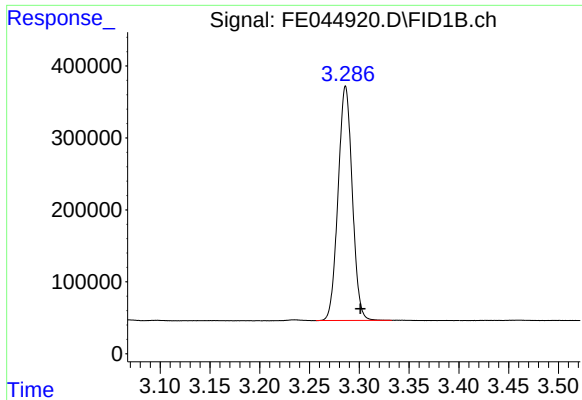
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
Quant Time: Oct 20 01:14:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
Response via : Initial Calibration
Integrator: ChemStation

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





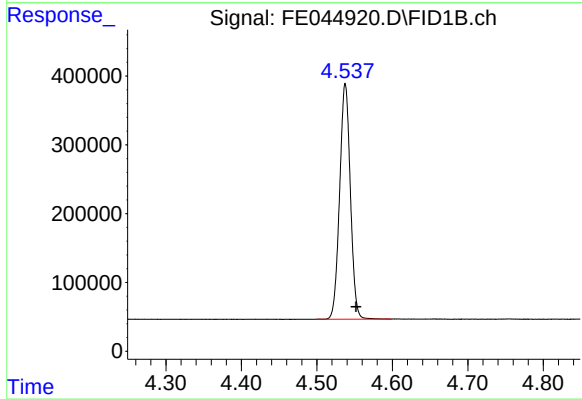
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.015 min
Response: 3230409
Conc: 19.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

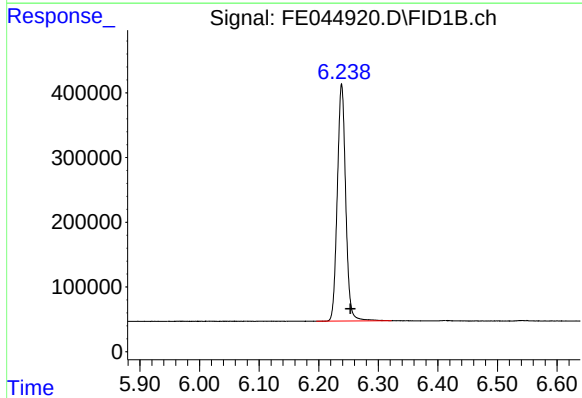
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



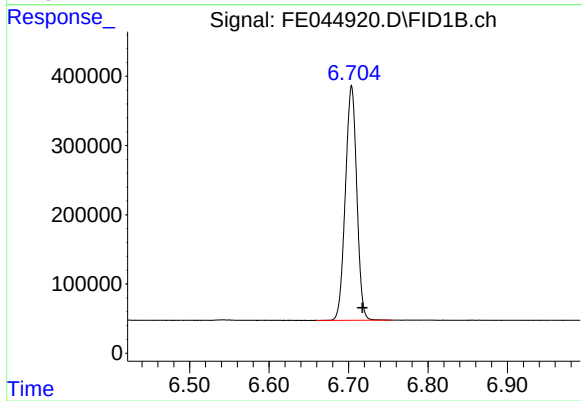
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.014 min
Response: 3381267
Conc: 19.85 ug/ml



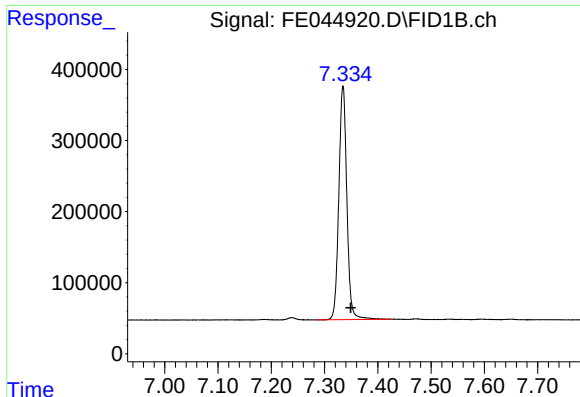
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.015 min
Response: 3593581
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.014 min
Response: 3381178
Conc: 19.59 ug/ml



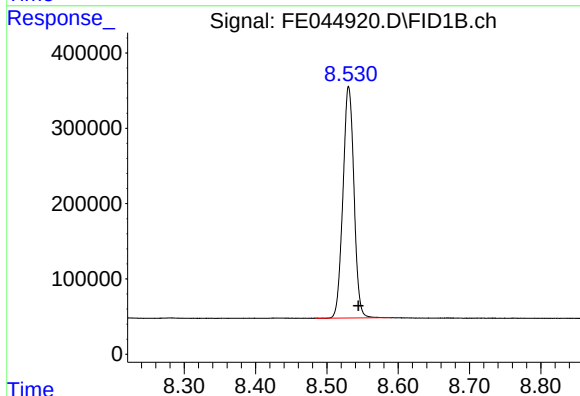
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 3449553
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

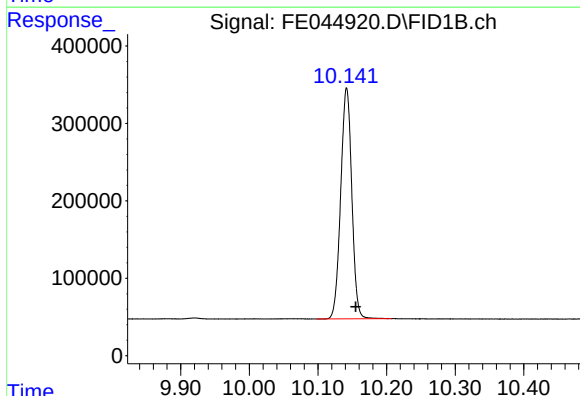
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



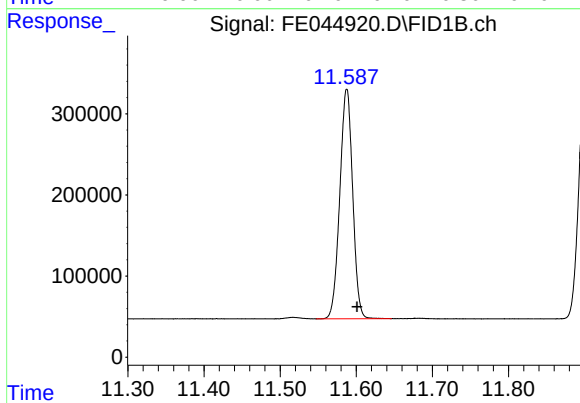
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.014 min
Response: 3305229
Conc: 19.27 ug/ml



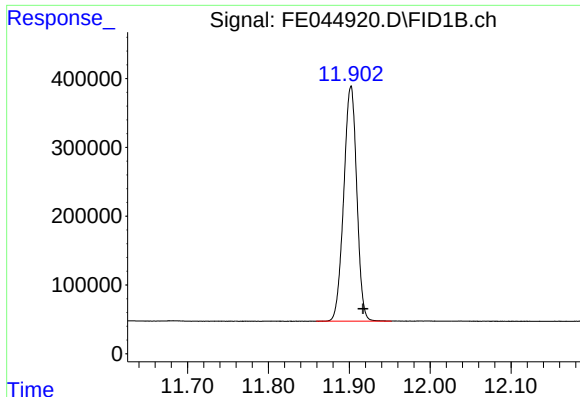
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 3345963
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.014 min
Response: 3326622
Conc: 19.07 ug/ml



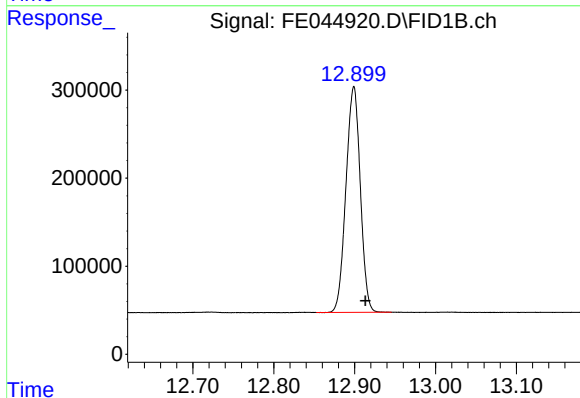
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 3832308
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

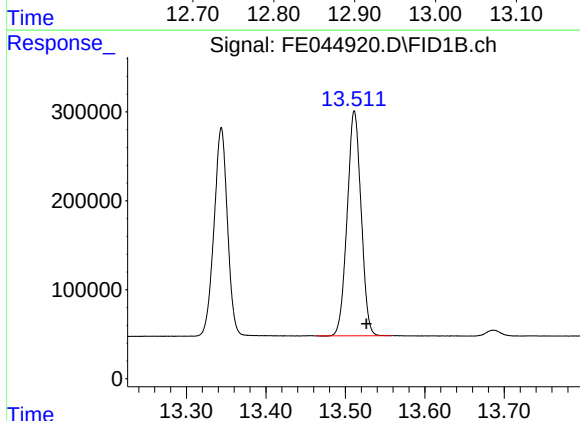
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



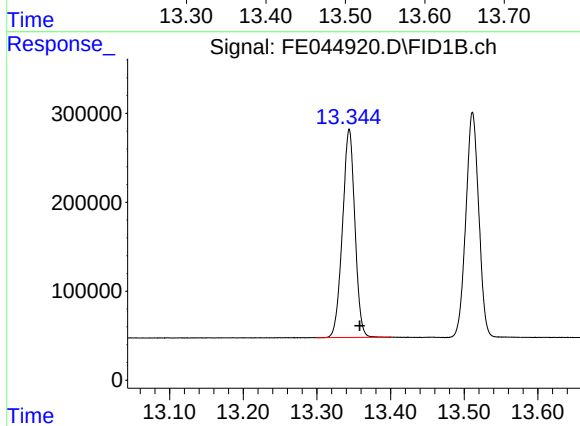
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.014 min
Response: 3165308
Conc: 18.95 ug/ml



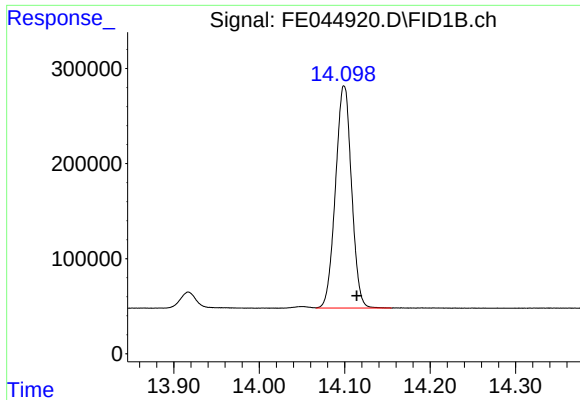
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.015 min
Response: 3079944
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 2744015
Conc: 18.54 ug/ml



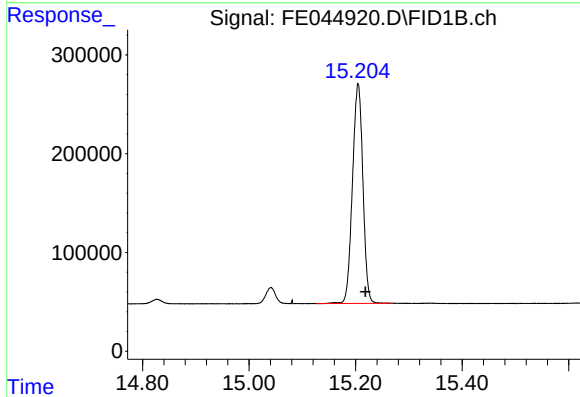
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.014 min
Response: 3053622
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

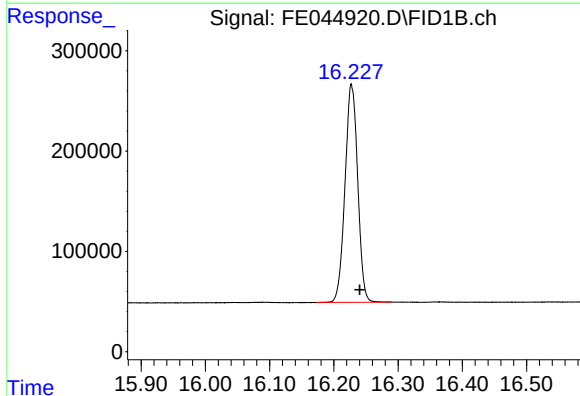
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



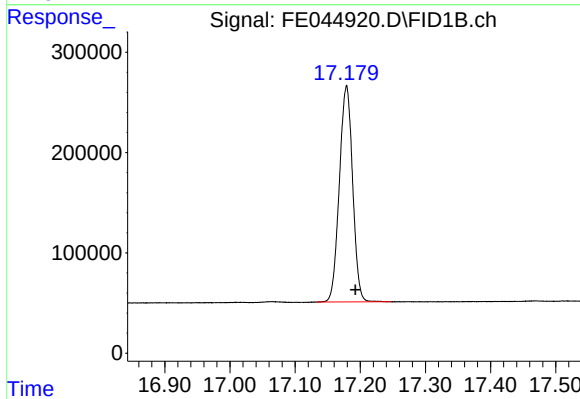
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.014 min
Response: 3021211
Conc: 19.47 ug/ml



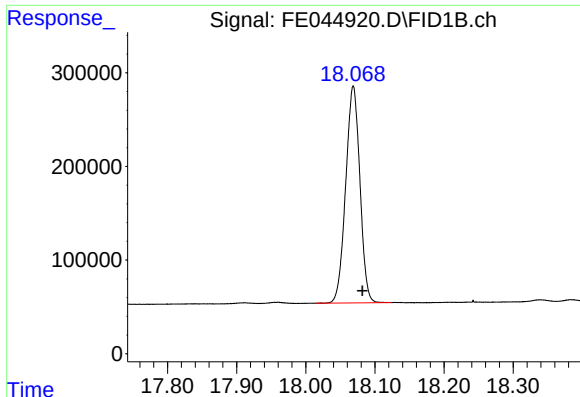
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.013 min
Response: 2982254
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.179 min
Delta R.T.: -0.013 min
Response: 3047941
Conc: 20.76 ug/ml



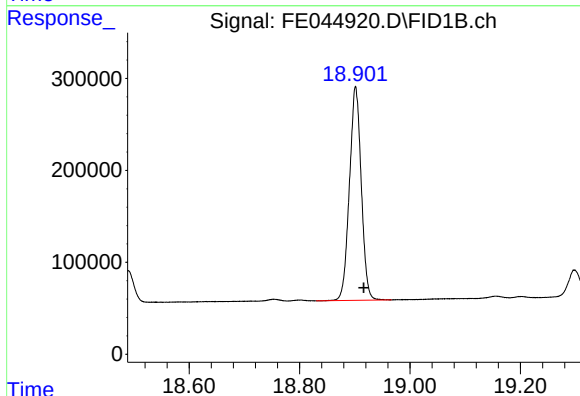
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: -0.013 min
Response: 3304294
Conc: 22.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

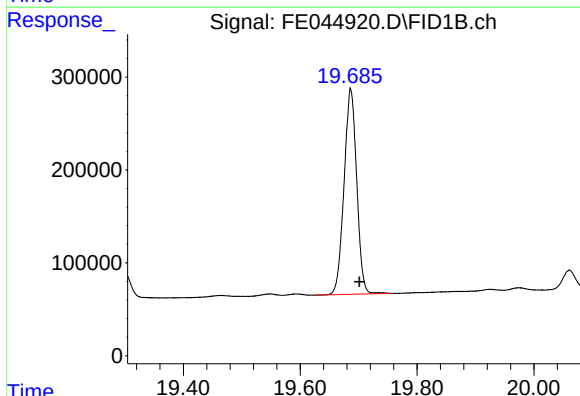
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



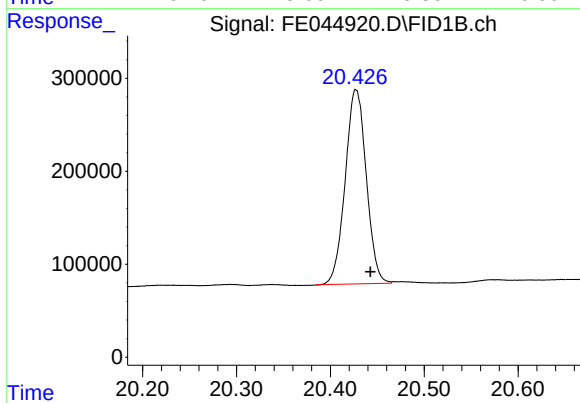
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 3452462
Conc: 23.00 ug/ml



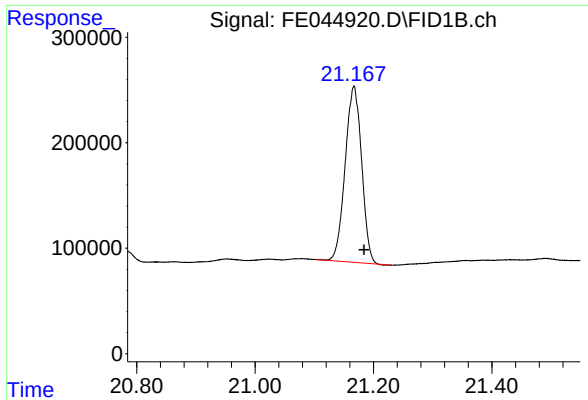
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 3327220
Conc: 22.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.016 min
Response: 3261165
Conc: 21.21 ug/ml m



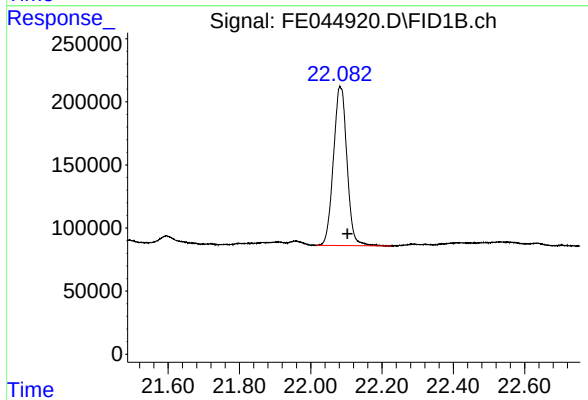
#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.017 min
Response: 3224266
Conc: 20.64 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.021 min
Response: 3306929
Conc: 19.79 ug/ml