

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
 Data File : FE039705.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 21:11
 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 01/10/2023
 Supervised By :Ankita Jodhani 01/10/2023

Integration File: autoint1.e
 Quant Time: Jan 10 02:46:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.918	2745223	18.396 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.355	2105453	18.293 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.313	2137773	16.539 ug/ml
2) T n-Decane (C10)	4.563	2167713	17.012 ug/ml
3) T A~Naphthalene (C11.7)	6.265	2457561	17.001 ug/ml
4) T n-Dodecane (C12)	6.726	2205227	16.986 ug/ml
5) T A~2-methylnaphthalene...	7.360	2327531	17.186 ug/ml
6) T n-Tetradecane (C14)	8.553	2280063	17.207 ug/ml
7) T n-Hexadecane (C16)	10.160	2420377	17.593 ug/ml
8) T n-Octadecane (C18)	11.601	2523783	18.019 ug/ml
10) T n-Eicosane (C20)	12.910	2494869	18.277 ug/ml
11) T n-Heneicosane (C21)	13.523	2507619	18.385 ug/mlm
13) T n-Docosane (C22)	14.108	2517427	18.610 ug/ml
14) T n-Tetracosane (C24)	15.212	2565799	19.114 ug/ml
15) T n-Hexacosane (C26)	16.232	2518776	19.344 ug/ml
16) T n-Octacosane (C28)	17.183	2638411	20.500 ug/ml
17) T n-Tricontane (C30)	18.070	2888683	22.436 ug/mlm
18) T n-Dotriacontane (C32)	18.903	2985148	23.051 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2701327	21.412 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2394173	19.800 ug/mlm
21) T n-Octatriacontane (C38)	21.161	2246044	18.187 ug/ml
22) T n-Tetracontane (C40)	22.067	2151033	17.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
Data File : FE039705.D
Signal(s) : FID1B.ch
Acq On : 09 Jan 2023 21:11
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

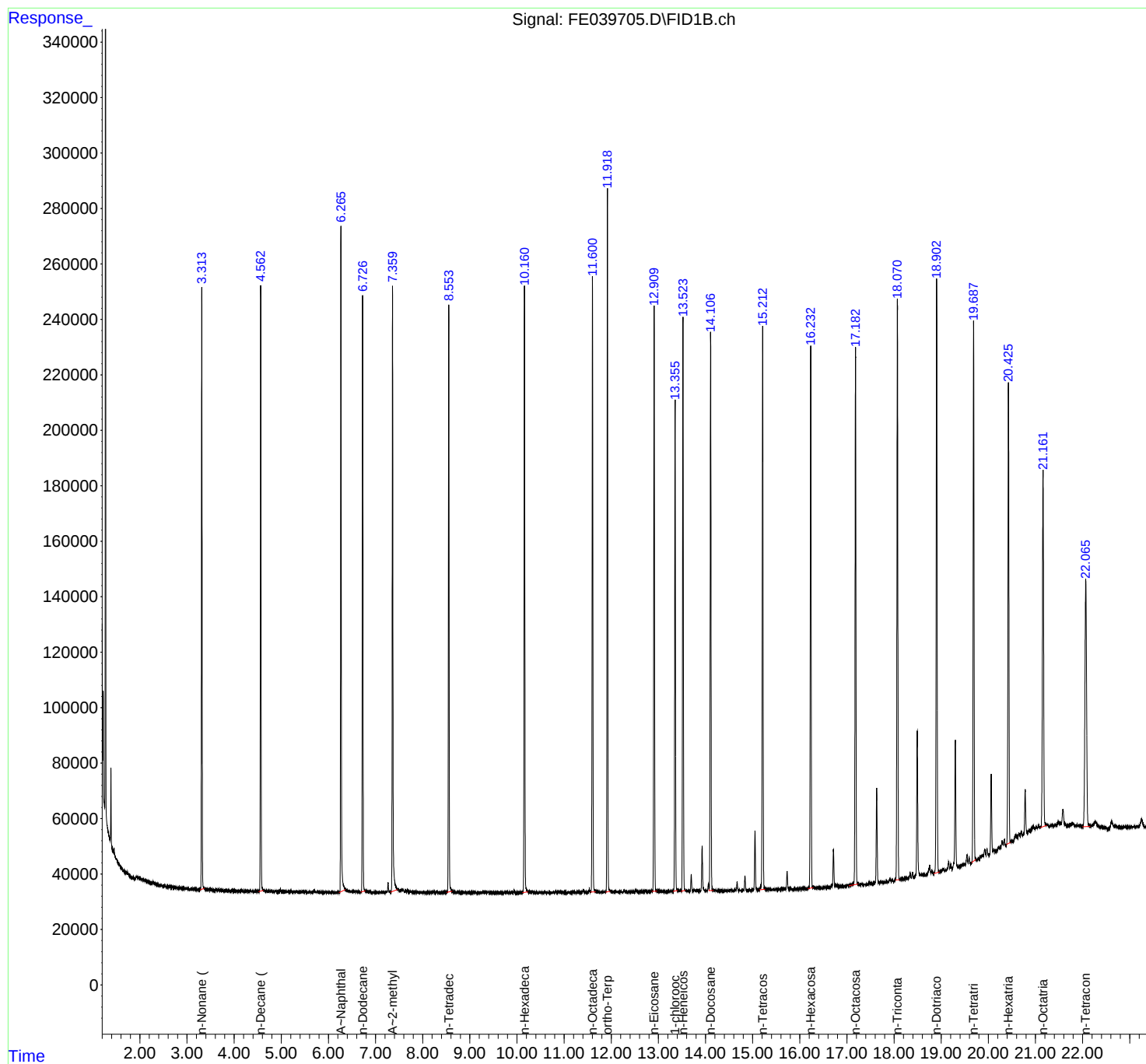
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

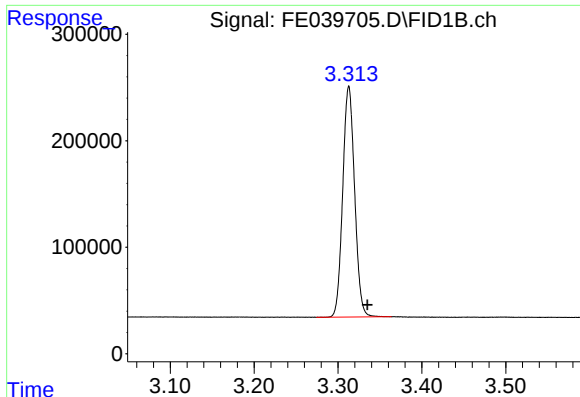
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023

Integration File: autoint1.e
Quant Time: Jan 10 02:46:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
Quant Title : GC Extractables
QLast Update : Sat Dec 17 15:09:52 2022
Response via : Initial Calibration
Integrator: ChemStation

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





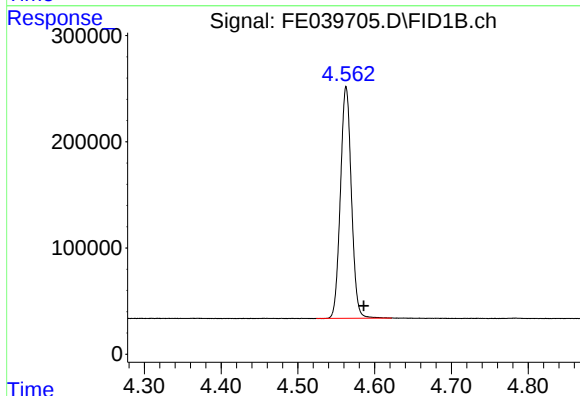
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.022 min
Response: 2137773
Conc: 16.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

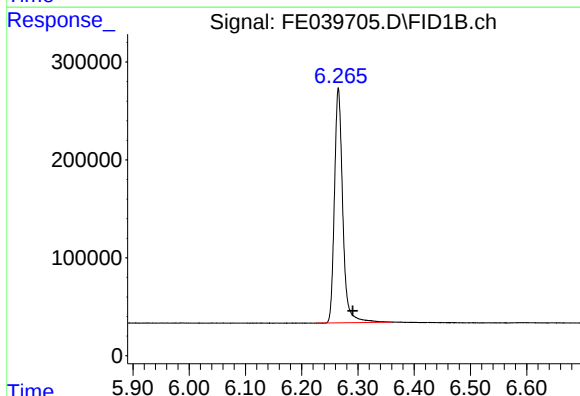
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



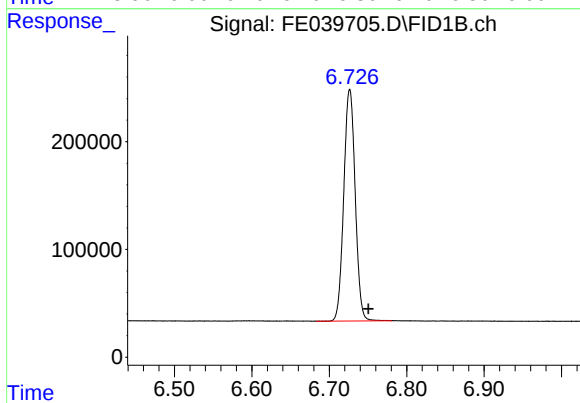
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.023 min
Response: 2167713
Conc: 17.01 ug/ml



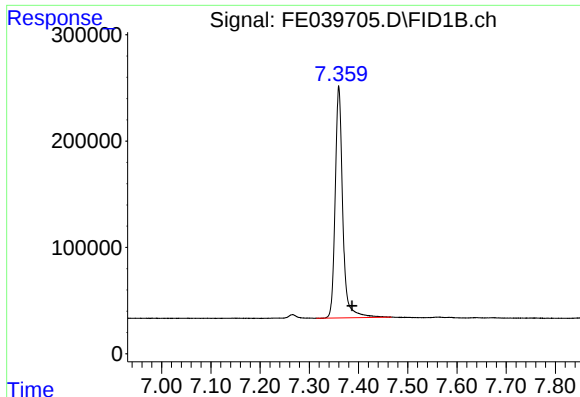
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.026 min
Response: 2457561
Conc: 17.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: -0.024 min
Response: 2205227
Conc: 16.99 ug/ml



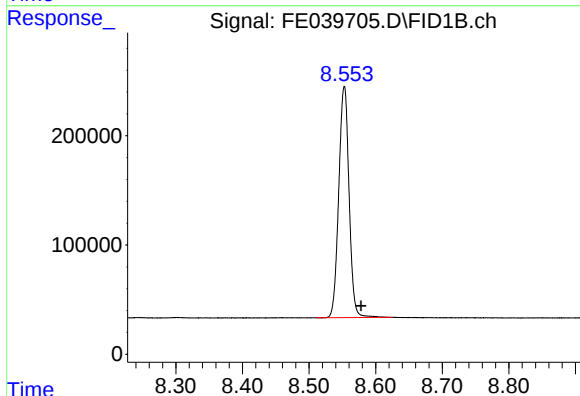
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: -0.027 min
Response: 2327531
Conc: 17.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

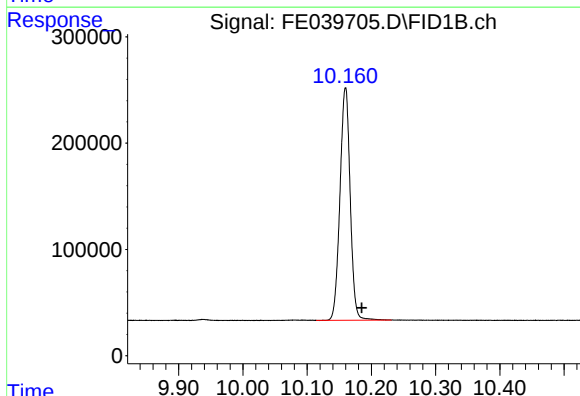
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



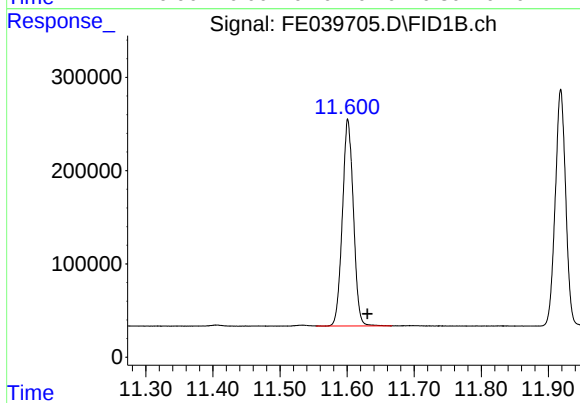
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.025 min
Response: 2280063
Conc: 17.21 ug/ml



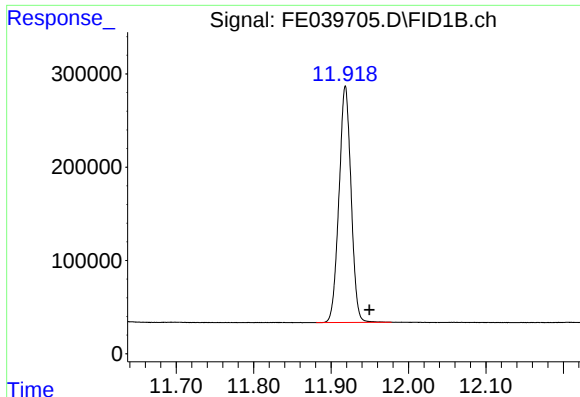
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.025 min
Response: 2420377
Conc: 17.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.029 min
Response: 2523783
Conc: 18.02 ug/ml



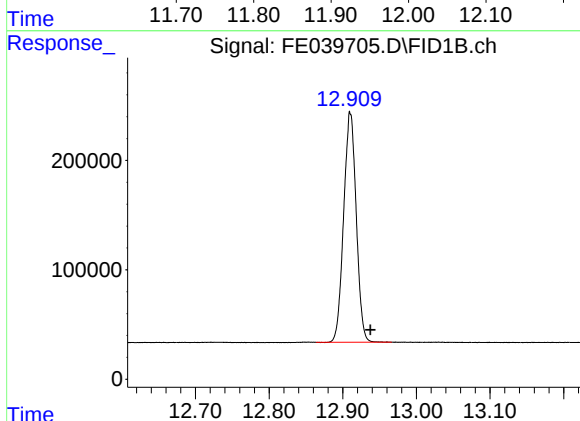
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.031 min
Response: 2745223
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

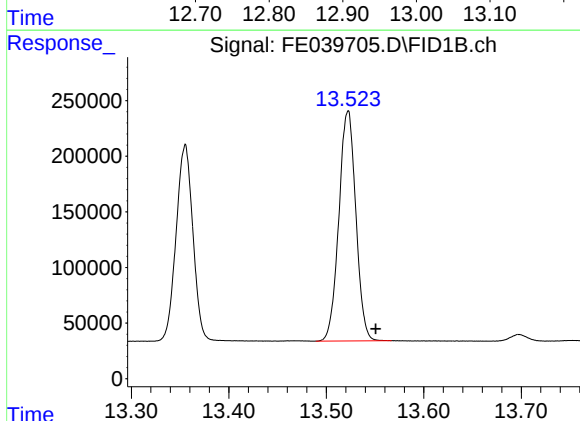
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



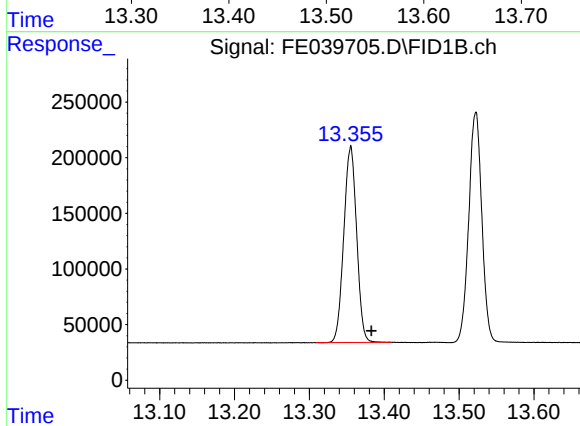
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.027 min
Response: 2494869
Conc: 18.28 ug/ml



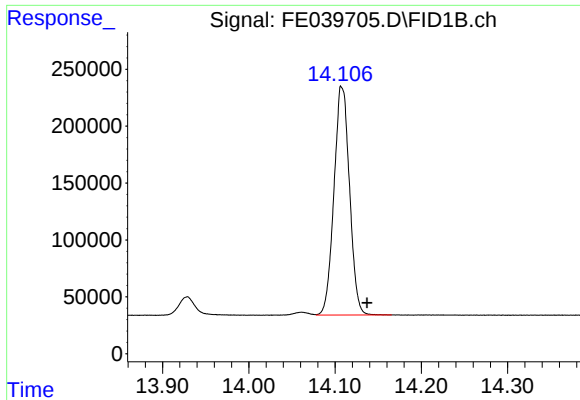
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.028 min
Response: 2507619
Conc: 18.39 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: -0.028 min
Response: 2105453
Conc: 18.29 ug/ml



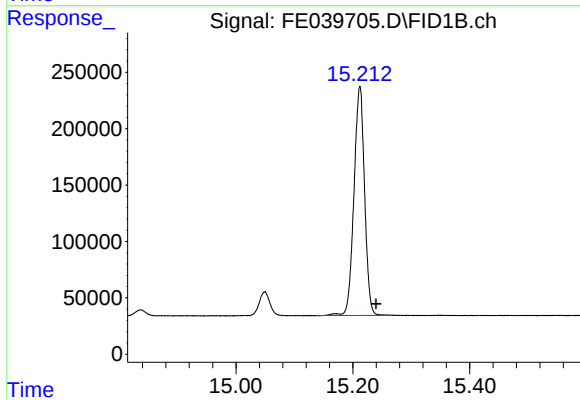
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.029 min
Response: 2517427
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

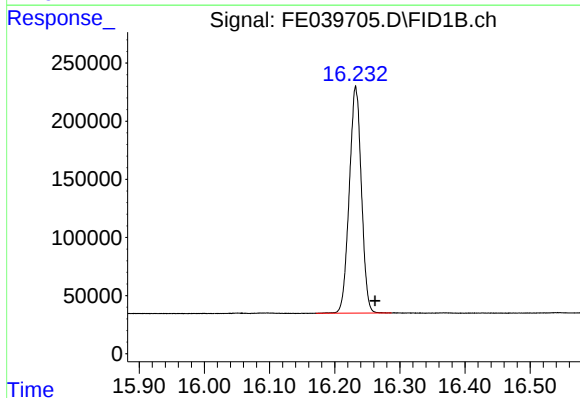
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



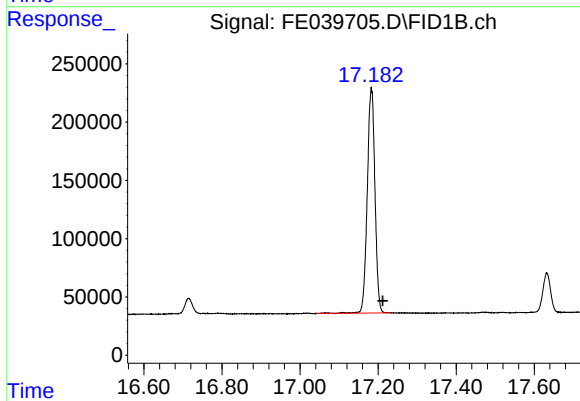
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.027 min
Response: 2565799
Conc: 19.11 ug/ml



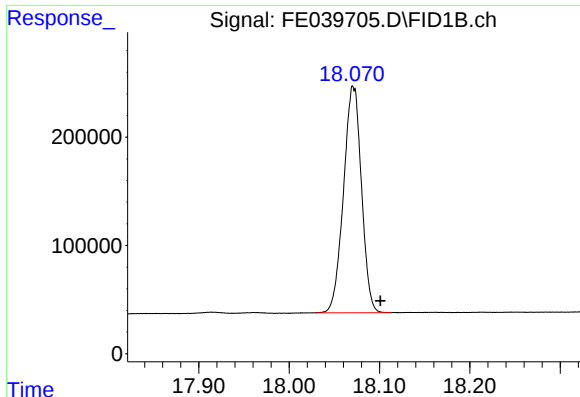
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.030 min
Response: 2518776
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.029 min
Response: 2638411
Conc: 20.50 ug/ml



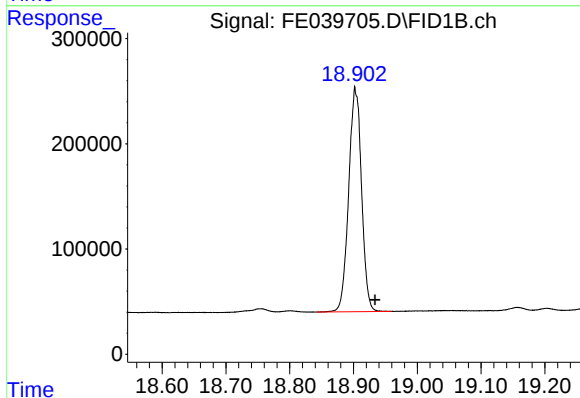
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.031 min
Response: 2888683
Conc: 22.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

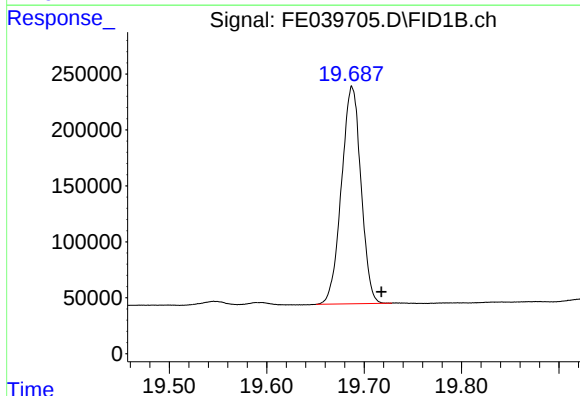
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



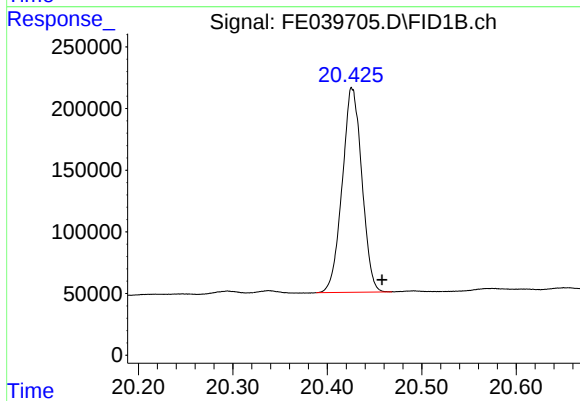
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: -0.031 min
Response: 2985148
Conc: 23.05 ug/ml



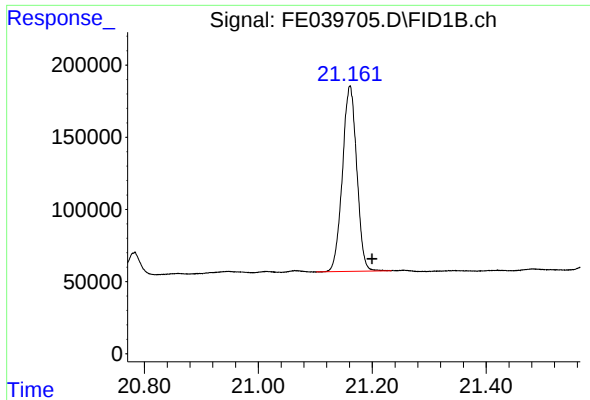
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.030 min
Response: 2701327
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.033 min
Response: 2394173
Conc: 19.80 ug/ml m



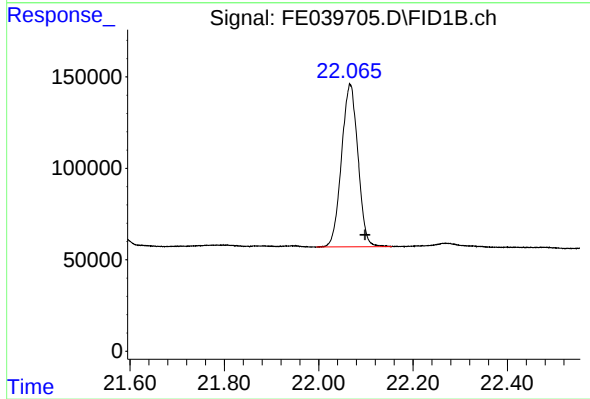
#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.039 min
Response: 2246044
Conc: 18.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.031 min
Response: 2151033
Conc: 17.13 ug/ml