

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041906.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 08:51
 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 05/16/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 16 01:10:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.972	4055070	21.615 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	13.408	2978980	21.087 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
Target Compounds			
1) T n-Nonane (C9)	3.349	3077401	20.935 ug/ml
2) T n-Decane (C10)	4.602	3299108	21.997 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3629359	21.931 ug/ml
4) T n-Dodecane (C12)	6.770	3341333	21.976 ug/ml
5) T A~2-methylnaphthalene...	7.407	3559967	22.078 ug/ml
6) T n-Tetradecane (C14)	8.600	3359986	22.119 ug/ml
7) T n-Hexadecane (C16)	10.208	3523431	22.079 ug/ml
8) T n-Octadecane (C18)	11.653	3615077	22.055 ug/ml
10) T n-Eicosane (C20)	12.962	3482439	21.651 ug/ml
11) T n-Heneicosane (C21)	13.575	3414344	21.424 ug/ml
13) T n-Docosane (C22)	14.161	3395413	21.311 ug/ml
14) T n-Tetracosane (C24)	15.265	3371145	20.910 ug/ml
15) T n-Hexacosane (C26)	16.286	3265264	20.654 ug/ml
16) T n-Octacosane (C28)	17.237	3265313	21.221 ug/ml
17) T n-Tricontane (C30)	18.123	3479838	22.848 ug/ml
18) T n-Dotriacontane (C32)	18.958	3555061	23.863 ug/ml
19) T n-Tetratriacontane (C34)	19.742	3398861	24.127 ug/ml
20) T n-Hexatriacontane (C36)	20.481	3093476	23.132 ug/mlm
21) T n-Octatriacontane (C38)	21.233	3089037	23.378 ug/mlm
22) T n-Tetracontane (C40)	22.171	3005848	23.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
Data File : FE041906.D
Signal(s) : FID1B.ch
Acq On : 15 May 2023 08:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

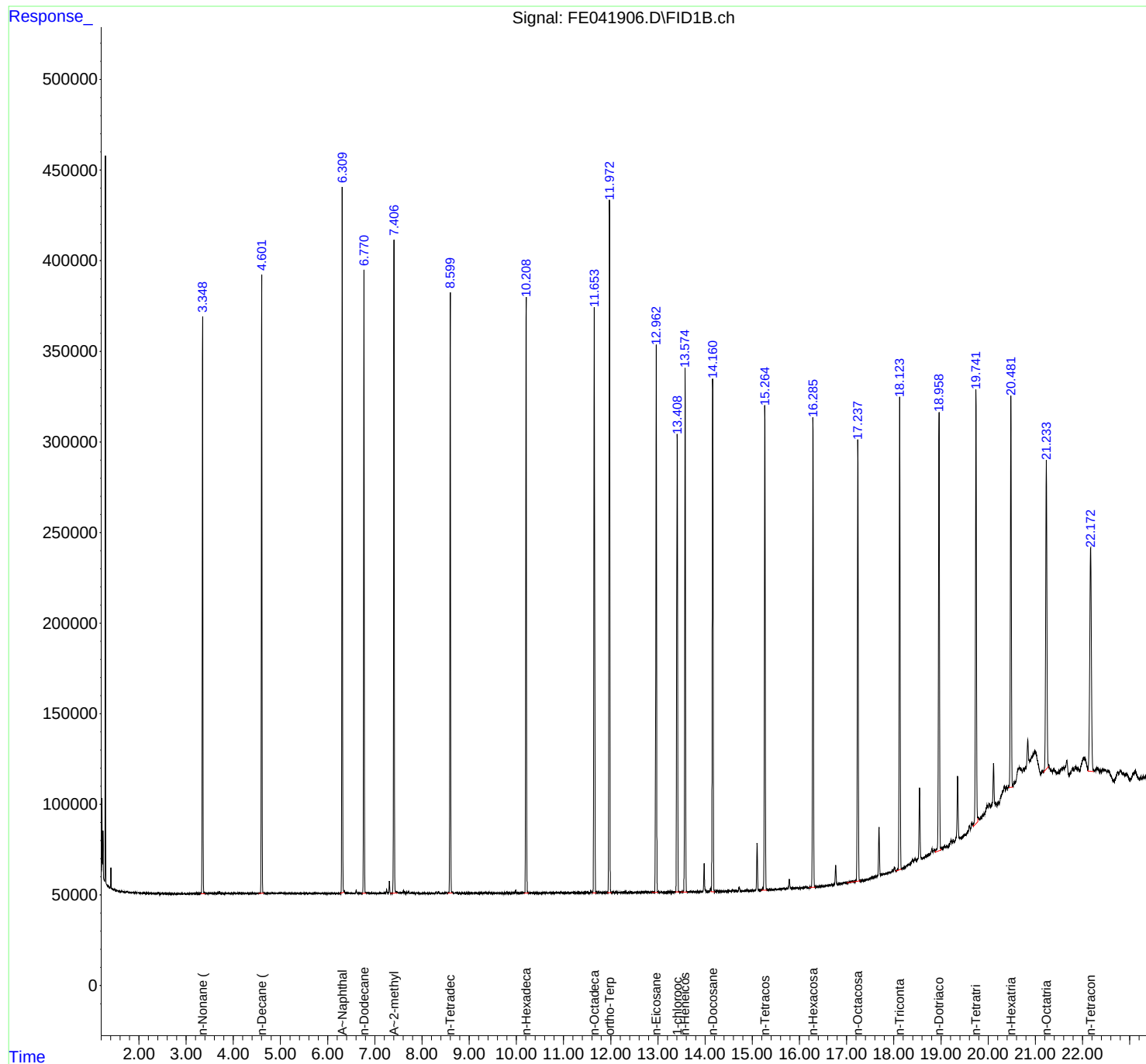
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

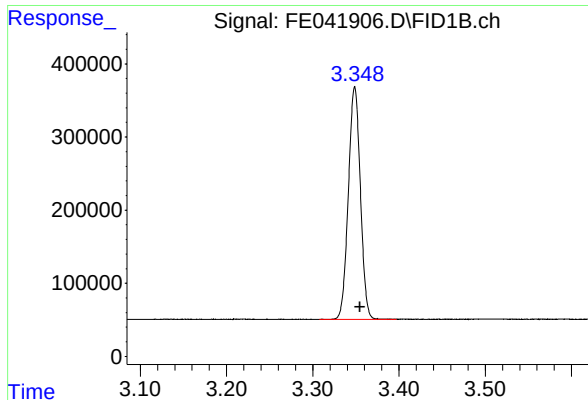
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
Quant Time: May 16 01:10:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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





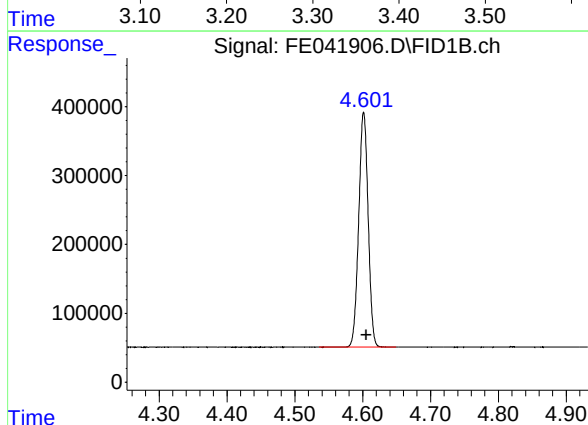
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.006 min
Response: 3077401
Conc: 20.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

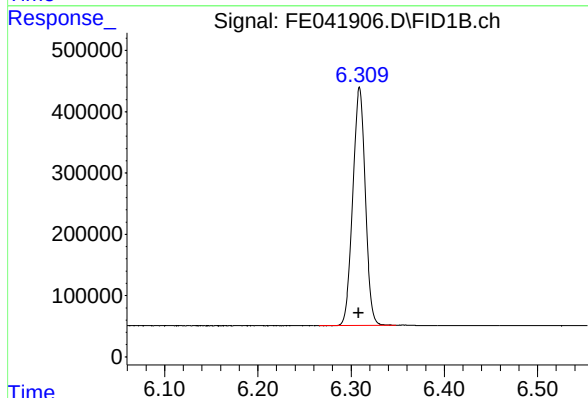
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



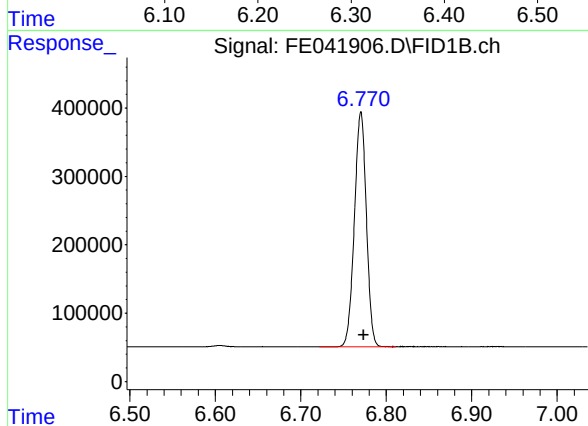
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 3299108
Conc: 22.00 ug/ml



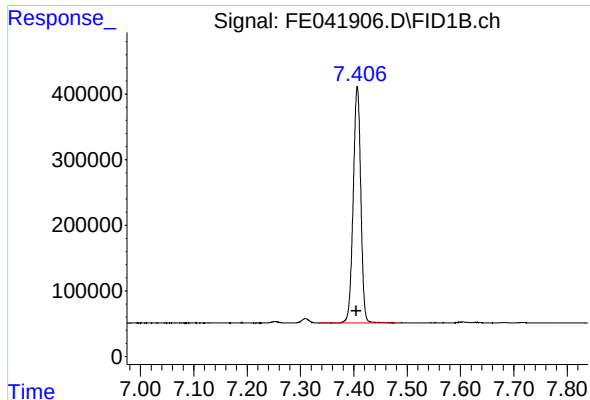
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3629359
Conc: 21.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 3341333
Conc: 21.98 ug/ml



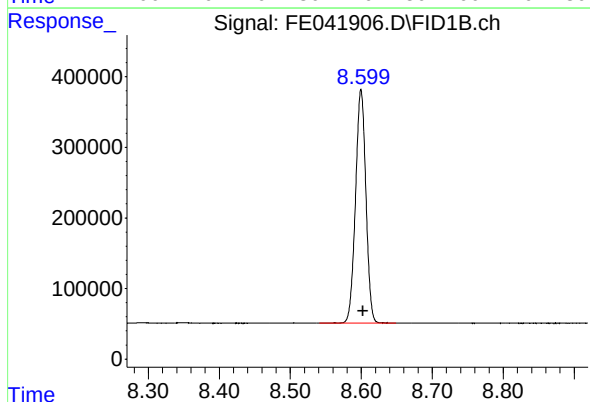
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.002 min
Response: 3559967
Conc: 22.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

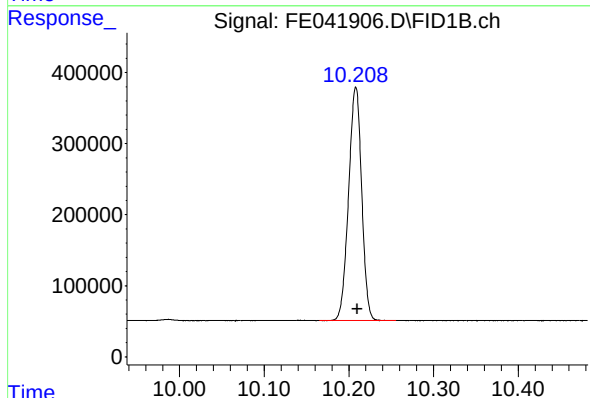
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



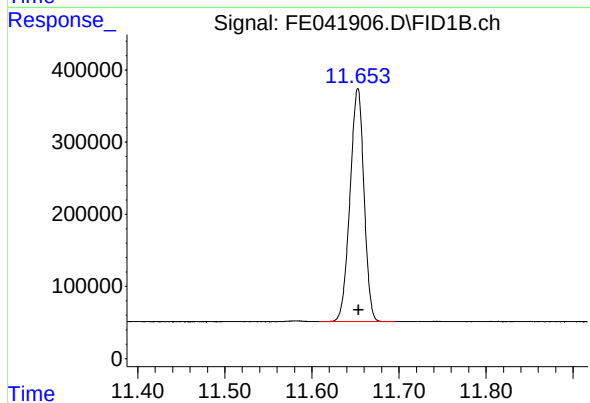
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.003 min
Response: 3359986
Conc: 22.12 ug/ml



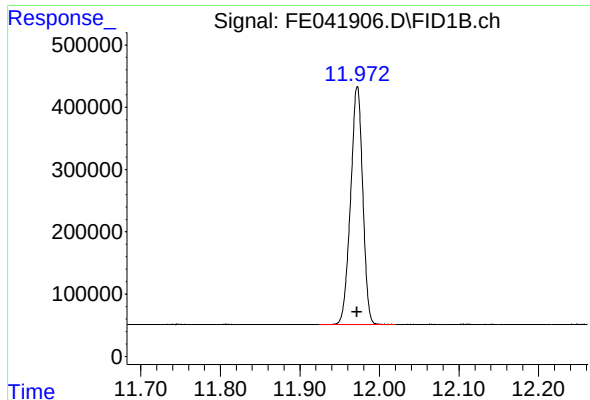
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 3523431
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.001 min
Response: 3615077
Conc: 22.05 ug/ml



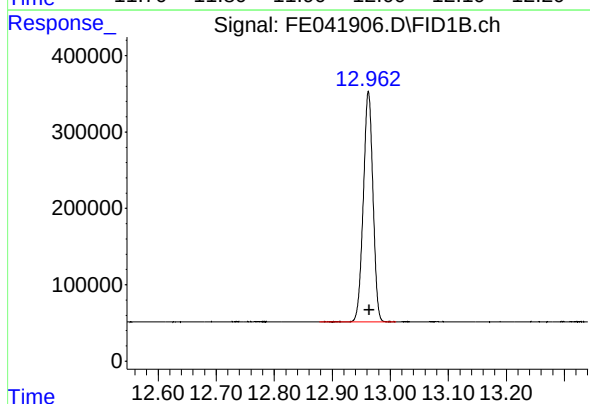
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 4055070
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

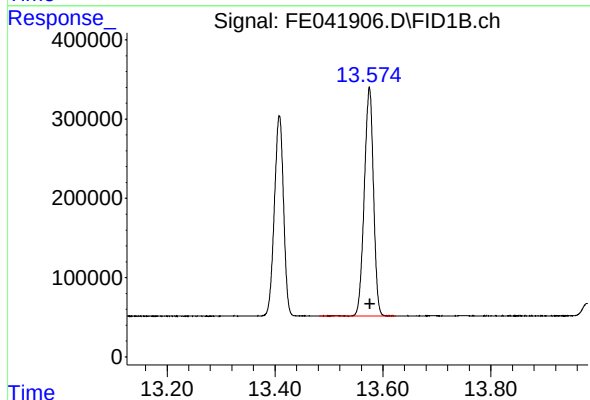
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



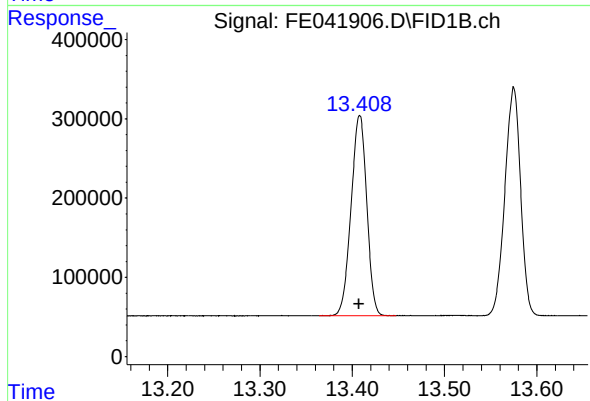
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.001 min
Response: 3482439
Conc: 21.65 ug/ml



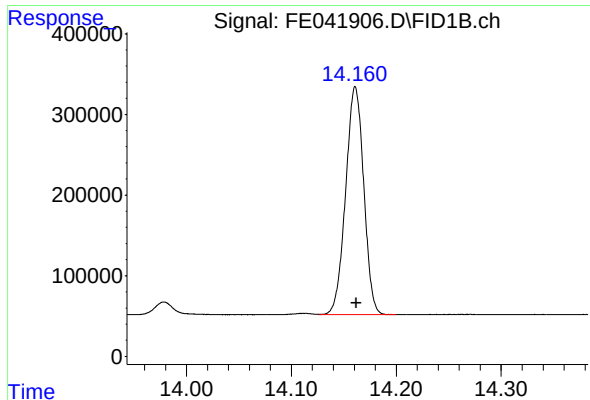
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 3414344
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2978980
Conc: 21.09 ug/ml



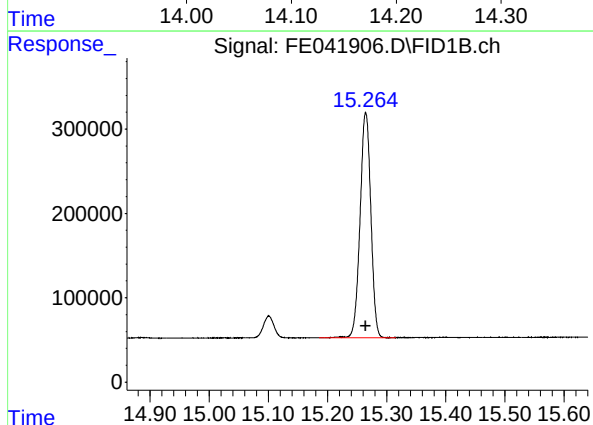
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.001 min
Response: 3395413
Conc: 21.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

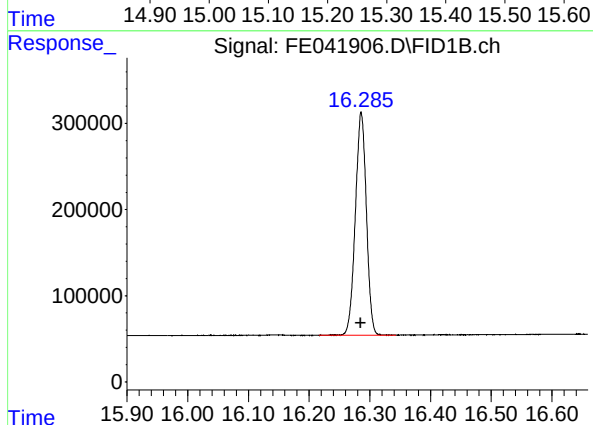
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



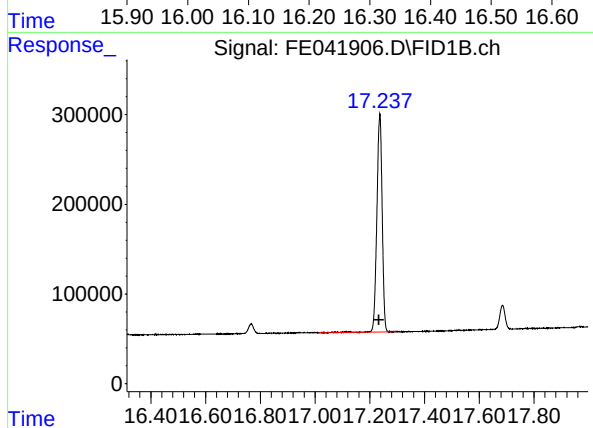
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3371145
Conc: 20.91 ug/ml



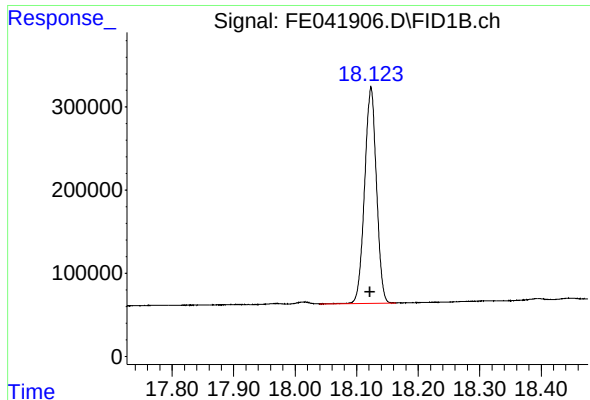
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.001 min
Response: 3265264
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 3265313
Conc: 21.22 ug/ml



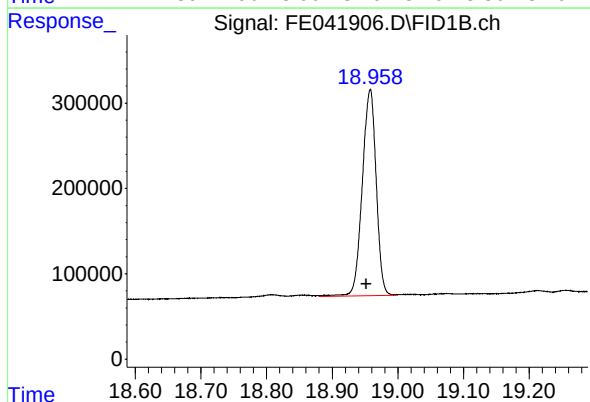
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.002 min
Response: 3479838
Conc: 22.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

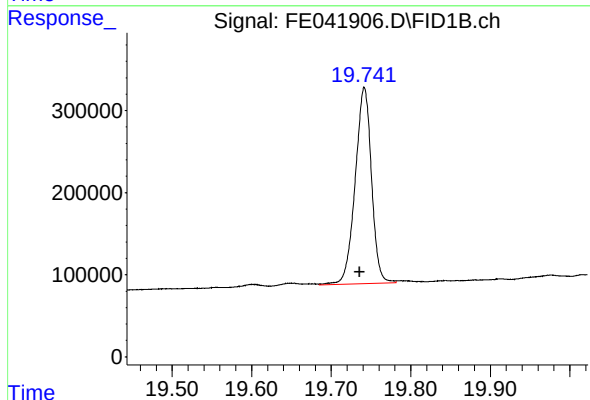
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



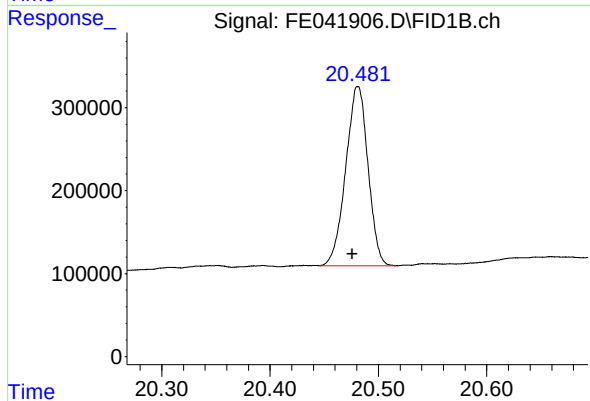
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.006 min
Response: 3555061
Conc: 23.86 ug/ml



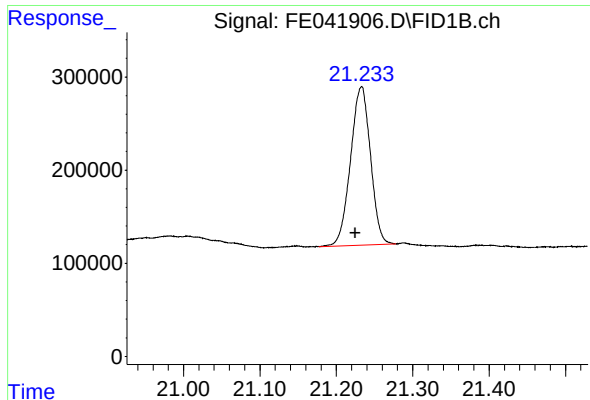
#19 n-Tetatriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 3398861
Conc: 24.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.005 min
Response: 3093476
Conc: 23.13 ug/ml m



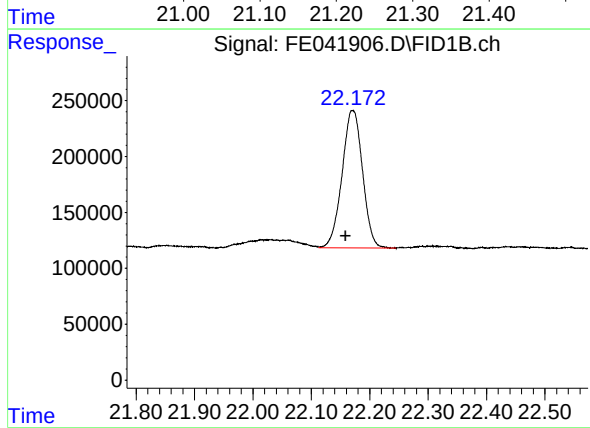
#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.008 min
Response: 3089037
Conc: 23.38 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.012 min
Response: 3005848
Conc: 23.74 ug/ml