

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021122AL\
 Data File : FE035023.D
 Signal(s) : FID1B.CH
 Acq On : 11 Feb 2022 22:56
 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 02/14/2022
 Supervised By :Ankita Jodhani 02/14/2022

Integration File: sample.E
 Quant Time: Feb 11 23:24:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.127	6161035	21.037 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
12) S 1-chlorooctadecane (S...	12.557	4755753	21.271 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
Target Compounds			
1) T n-Nonane (C9)	2.987	5341487	21.058 ug/ml
2) T n-Decane (C10)	4.006	5416589	21.103 ug/ml
3) T A~Naphthalene (C11.7)	5.564	6076551	21.182 ug/ml
4) T n-Dodecane (C12)	5.994	5431505	21.111 ug/ml
5) T A~2-methylnaphthalene...	6.612	6109918	21.117 ug/ml
6) T n-Tetradecane (C14)	7.781	5528323	21.135 ug/ml
7) T n-Hexadecane (C16)	9.376	5538298	21.120 ug/ml
8) T n-Octadecane (C18)	10.813	5633119	21.127 ug/ml
10) T n-Eicosane (C20)	12.115	5497427	21.050 ug/ml
11) T n-Heneicosane (C21)	12.726	5509476	21.031 ug/ml
13) T n-Docosane (C22)	13.309	5411115	20.991 ug/ml
14) T n-Tetracosane (C24)	14.407	5335581	21.044 ug/ml
15) T n-Hexacosane (C26)	15.424	5112369	20.937 ug/ml
16) T n-Octacosane (C28)	16.369	5054162	21.240 ug/ml
17) T n-Tricontane (C30)	17.254	5034946	21.893 ug/ml
18) T n-Dotriacontane (C32)	18.083	4772185	22.326 ug/mlm
19) T n-Tetratriacontane (C34)	18.863	4468512	22.171 ug/mlm
20) T n-Hexatriacontane (C36)	19.601	4285140	22.655 ug/mlm
21) T n-Octatriacontane (C38)	20.310	4252200	23.373 ug/ml
22) T n-Tetracontane (C40)	21.162	4299406	23.471 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021122AL\
Data File : FE035023.D
Signal(s) : FID1B.CH
Acq On : 11 Feb 2022 22:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

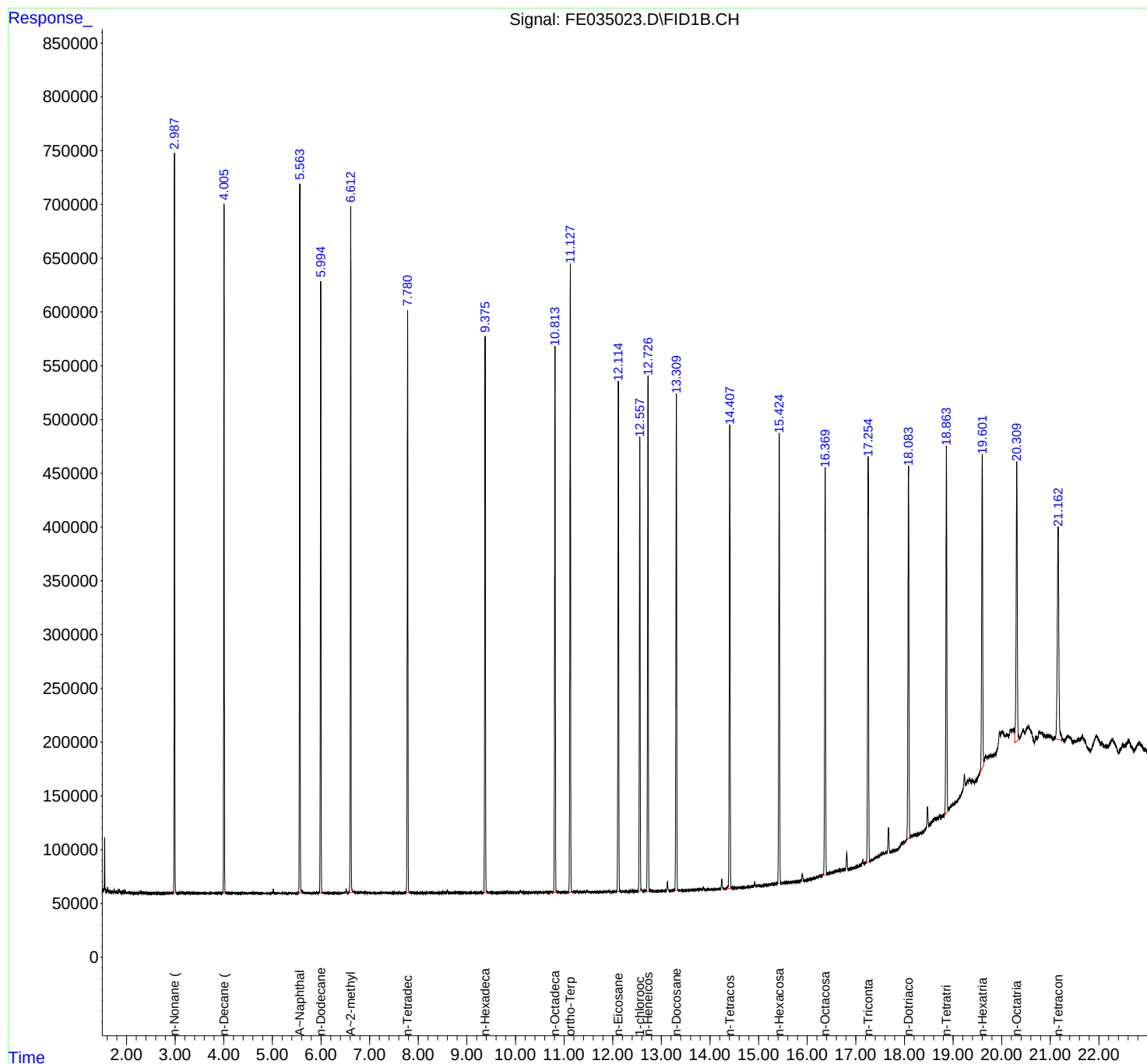
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

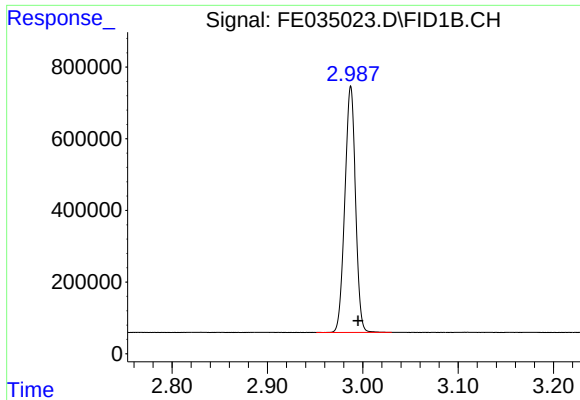
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022

Integration File: sample.E
Quant Time: Feb 11 23:24:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 22:05:03 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





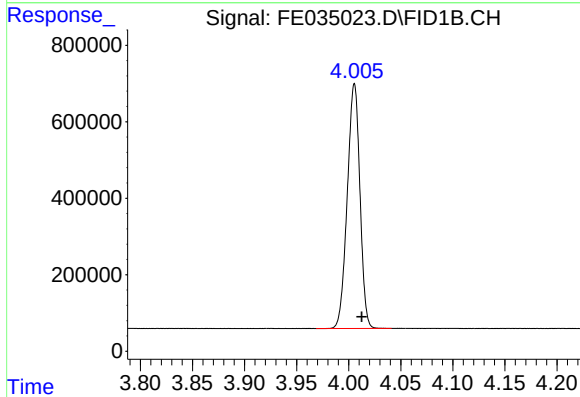
#1 n-Nonane (C9)

R.T.: 2.987 min
Delta R.T.: -0.008 min
Response: 5341487
Conc: 21.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

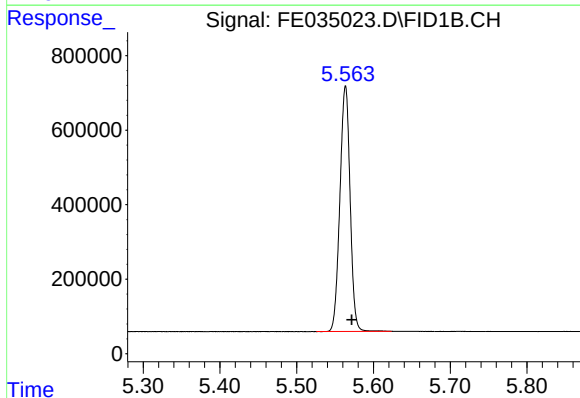
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



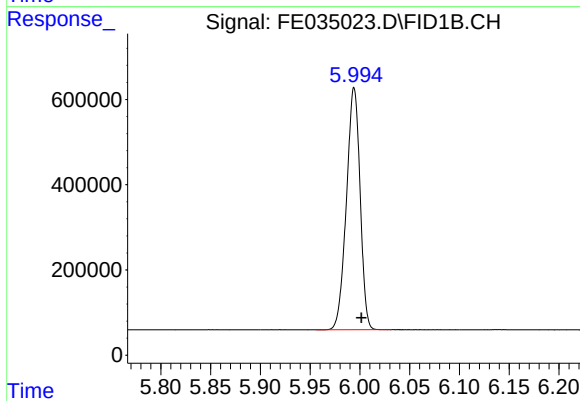
#2 n-Decane (C10)

R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 5416589
Conc: 21.10 ug/ml



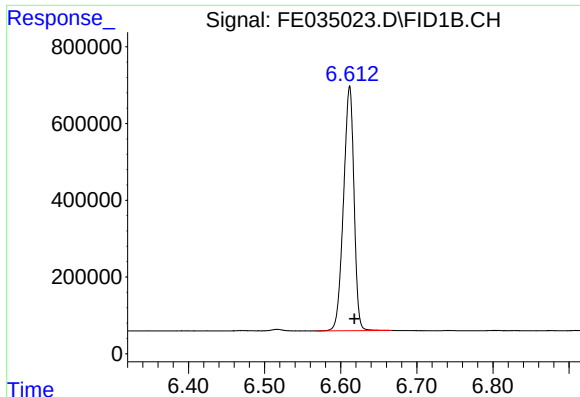
#3 A~Naphthalene (C11.7)

R.T.: 5.564 min
Delta R.T.: -0.008 min
Response: 6076551
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.007 min
Response: 5431505
Conc: 21.11 ug/ml



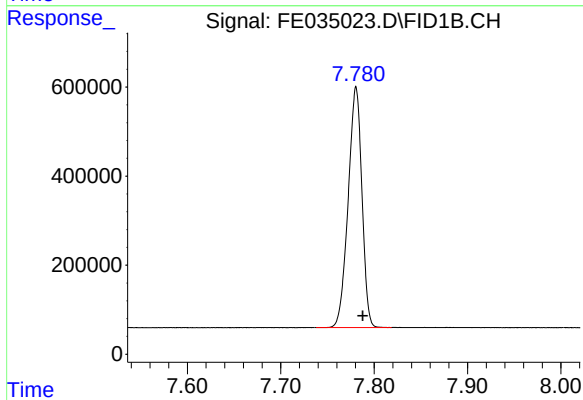
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.612 min
Delta R.T.: -0.006 min
Response: 6109918
Conc: 21.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

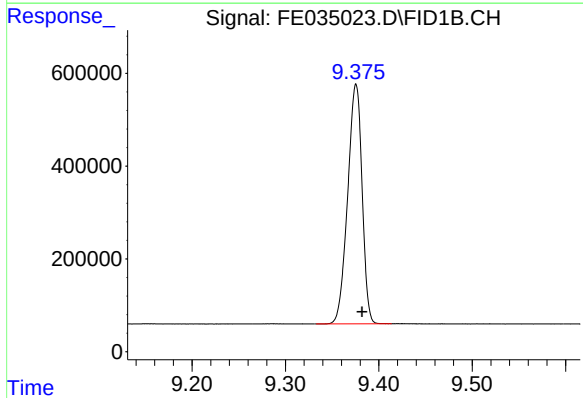
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



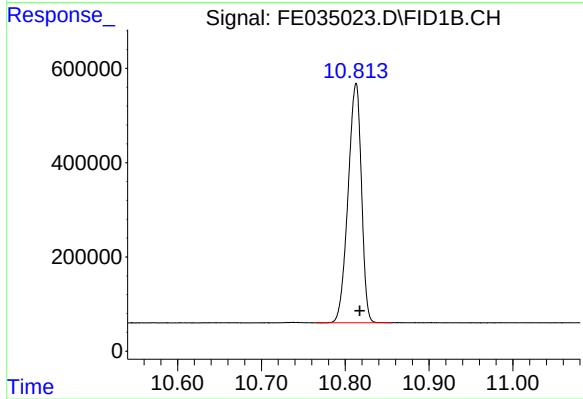
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.007 min
Response: 5528323
Conc: 21.14 ug/ml



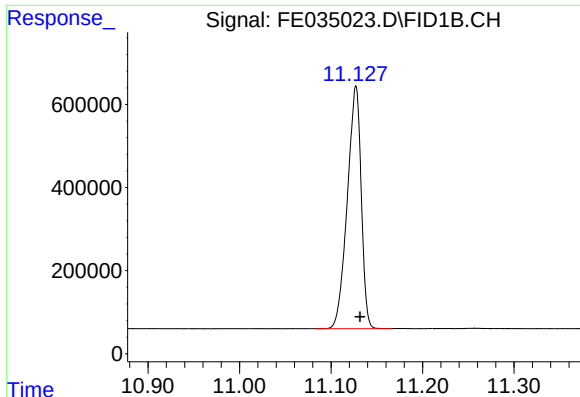
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: -0.007 min
Response: 5538298
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.813 min
Delta R.T.: -0.004 min
Response: 5633119
Conc: 21.13 ug/ml



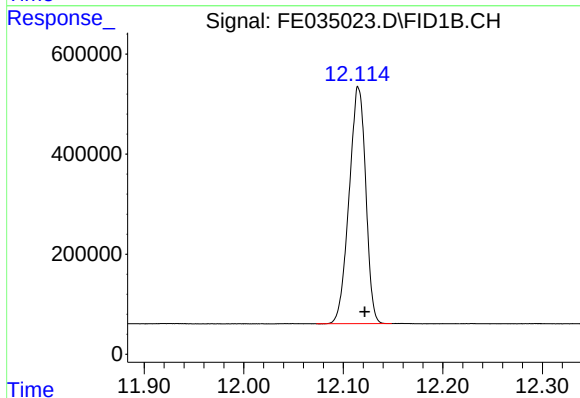
#9 ortho-Terphenyl (SURR)

R.T.: 11.127 min
Delta R.T.: -0.005 min
Response: 6161035
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

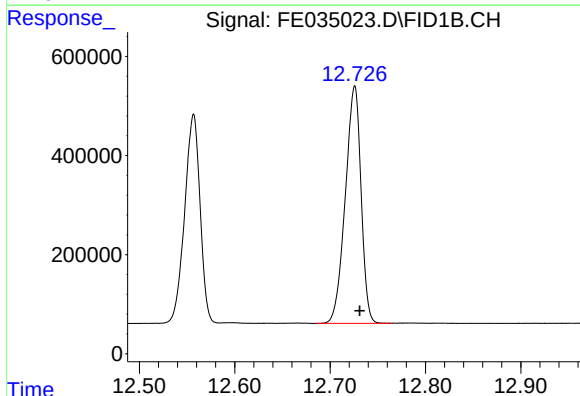
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



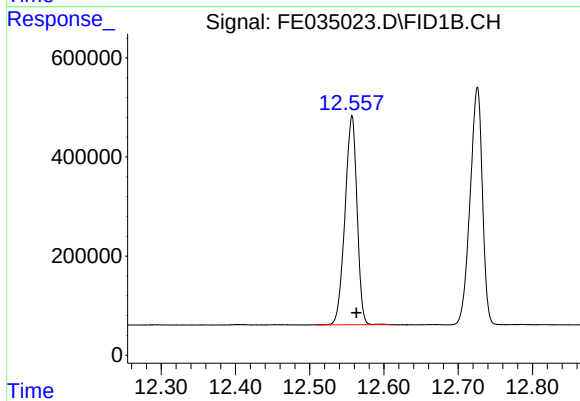
#10 n-Eicosane (C20)

R.T.: 12.115 min
Delta R.T.: -0.006 min
Response: 5497427
Conc: 21.05 ug/ml



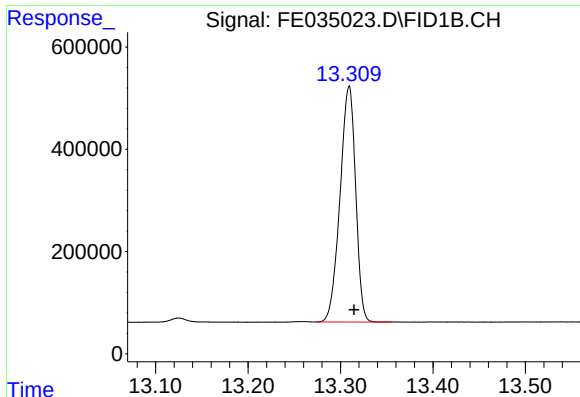
#11 n-Heneicosane (C21)

R.T.: 12.726 min
Delta R.T.: -0.005 min
Response: 5509476
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.557 min
Delta R.T.: -0.006 min
Response: 4755753
Conc: 21.27 ug/ml



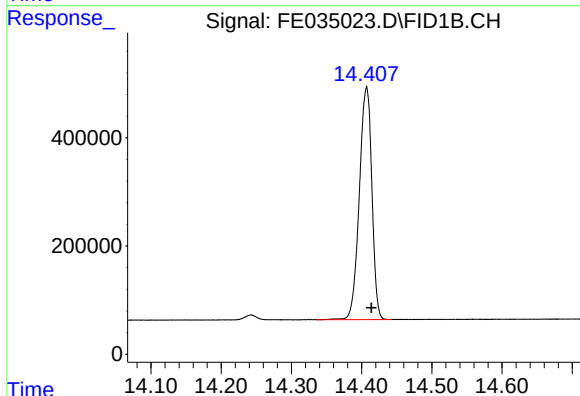
#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: -0.005 min
Response: 5411115
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

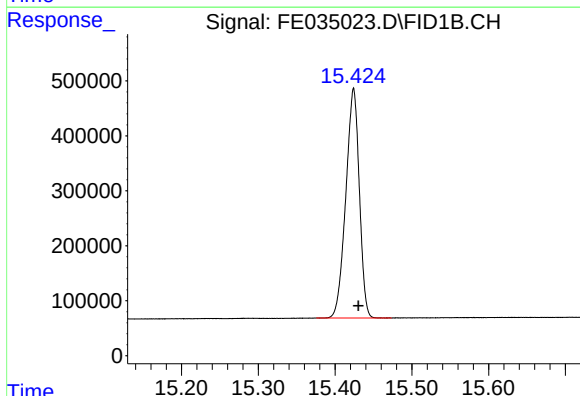
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



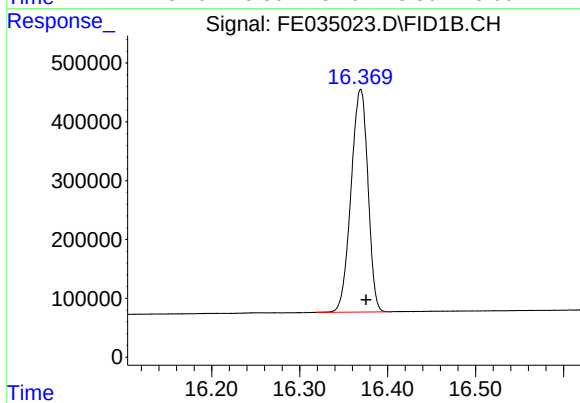
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: -0.007 min
Response: 5335581
Conc: 21.04 ug/ml



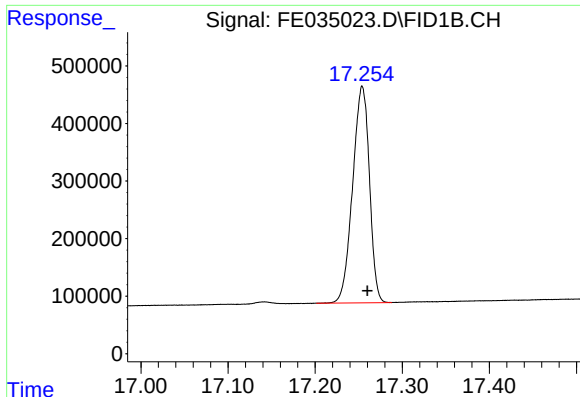
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: -0.006 min
Response: 5112369
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: -0.006 min
Response: 5054162
Conc: 21.24 ug/ml



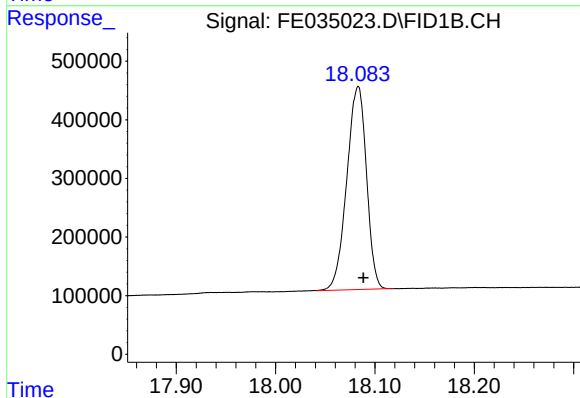
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: -0.006 min
Response: 5034946
Conc: 21.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

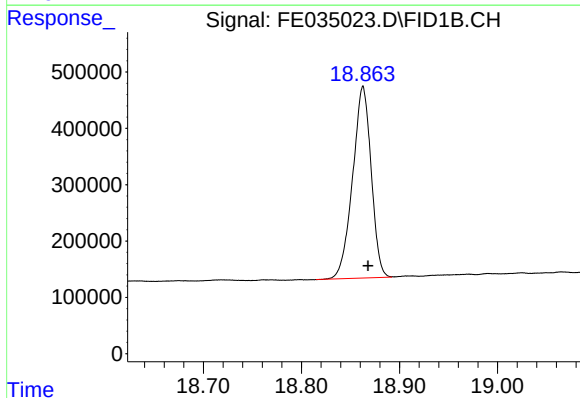
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



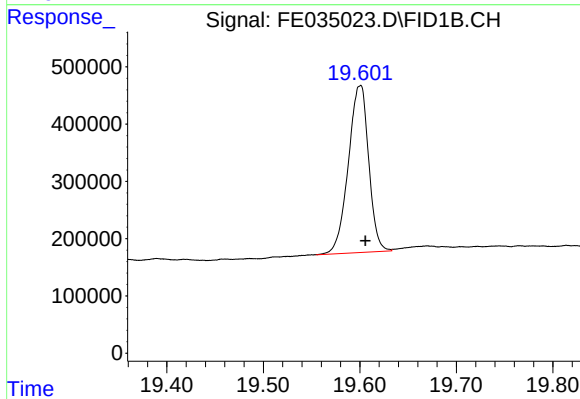
#18 n-Dotriacontane (C32)

R.T.: 18.083 min
Delta R.T.: -0.005 min
Response: 4772185
Conc: 22.33 ug/ml m



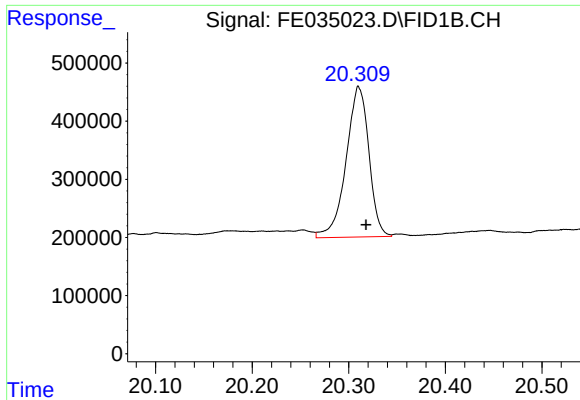
#19 n-Tetratriacontane (C34)

R.T.: 18.863 min
Delta R.T.: -0.005 min
Response: 4468512
Conc: 22.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: -0.005 min
Response: 4285140
Conc: 22.65 ug/ml m



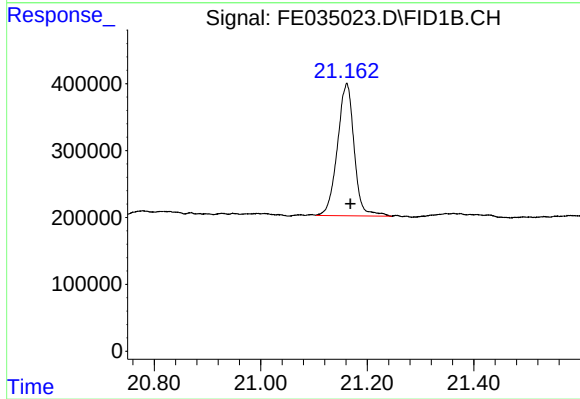
#21 n-Octatriacontane (C38)

R.T.: 20.310 min
Delta R.T.: -0.008 min
Response: 4252200
Conc: 23.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



#22 n-Tetracontane (C40)

R.T.: 21.162 min
Delta R.T.: -0.007 min
Response: 4299406
Conc: 23.47 ug/ml