

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065803.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 12:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:29:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.498	3371298	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	12.928	2499952	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.288	2953077	19.656 ug/ml
2) T n-Decane (C10)	4.351	3072583	20.209 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3288494	21.325 ug/ml
4) T n-Dodecane (C12)	6.365	3051059	19.935 ug/ml
5) T A~2-methylnaphthalene...	6.992	3009056	21.131 ug/ml
6) T n-Tetradecane (C14)	8.155	2976699	20.050 ug/ml
7) T n-Hexadecane (C16)	9.748	3046313	20.313 ug/ml
8) T n-Octadecane (C18)	11.184	3065455	19.873 ug/ml
10) T n-Eicosane (C20)	12.487	2965334	19.719 ug/ml
11) T n-Heneicosane (C21)	13.095	2939611	19.655 ug/ml
13) T n-Docosane (C22)	13.678	2933999	19.780 ug/ml
14) T n-Tetracosane (C24)	14.775	2974841	20.008 ug/ml
15) T n-Hexacosane (C26)	15.791	2990235	20.178 ug/ml
16) T n-Octacosane (C28)	16.735	3069628	20.920 ug/ml
17) T n-Tricontane (C30)	17.619	3329083	22.177 ug/ml
18) T n-Dotriacontane (C32)	18.448	3366840	22.767 ug/ml
19) T n-Tetratriacontane (C34)	19.226	3236217	22.328 ug/ml
20) T n-Hexatriacontane (C36)	19.962	3021321	21.285 ug/mlm
21) T n-Octatriacontane (C38)	20.678	2934101	20.728 ug/mlm
22) T n-Tetracontane (C40)	21.552	2828000	20.274 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
Data File : FC065803.D
Signal(s) : FID1A.ch
Acq On : 21 Feb 2024 12:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

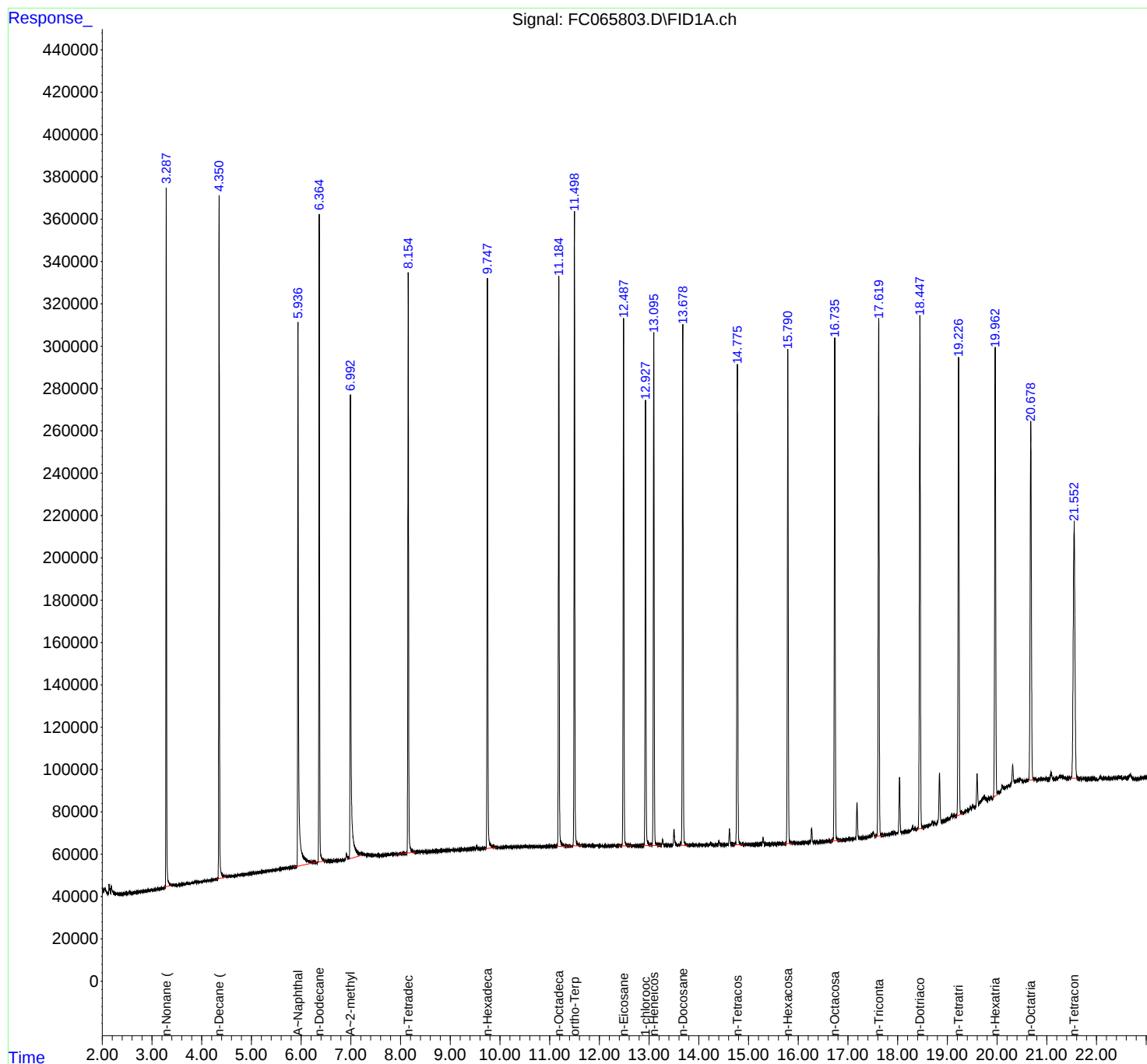
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

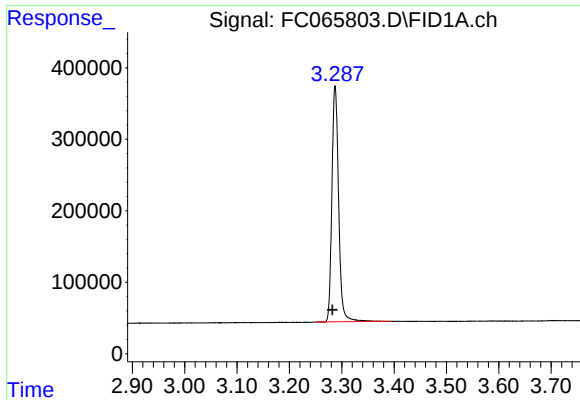
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
Quant Time: Feb 22 03:29:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Thu Feb 08 13:26:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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





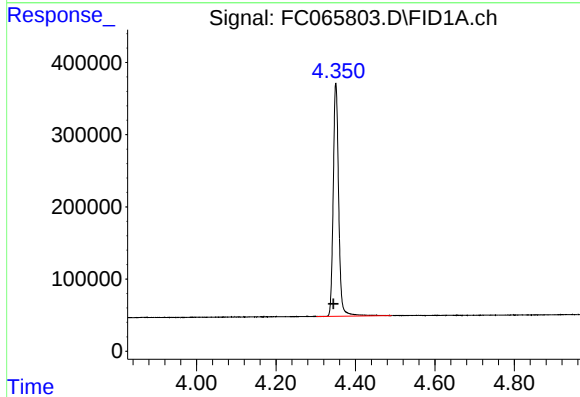
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 2953077
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

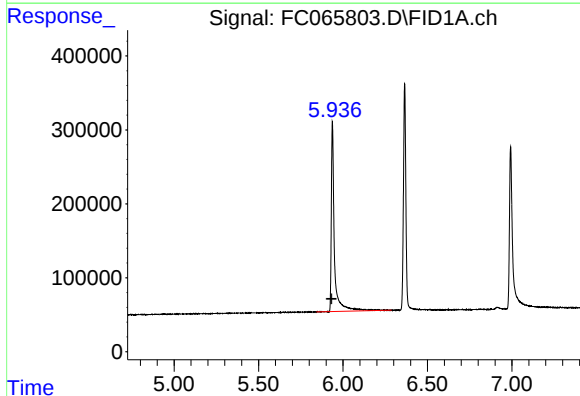
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



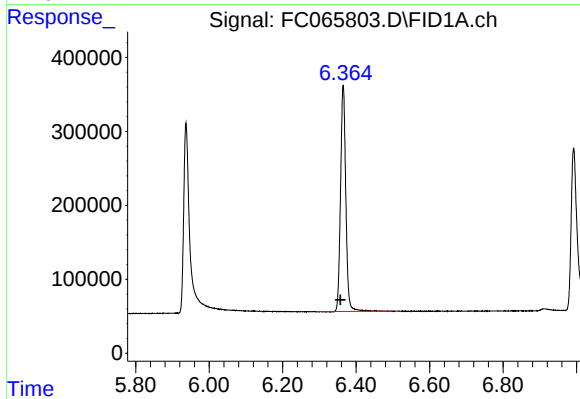
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.007 min
Response: 3072583
Conc: 20.21 ug/ml



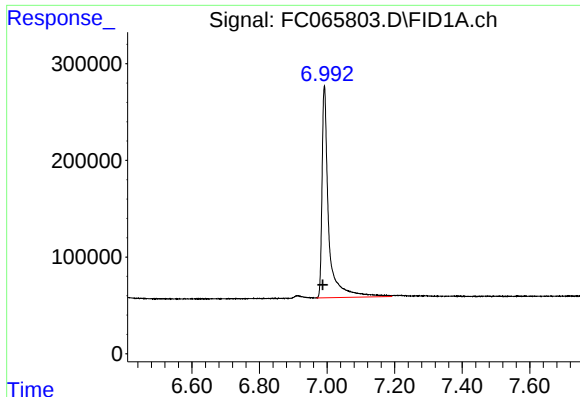
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: 0.006 min
Response: 3288494
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 3051059
Conc: 19.93 ug/ml



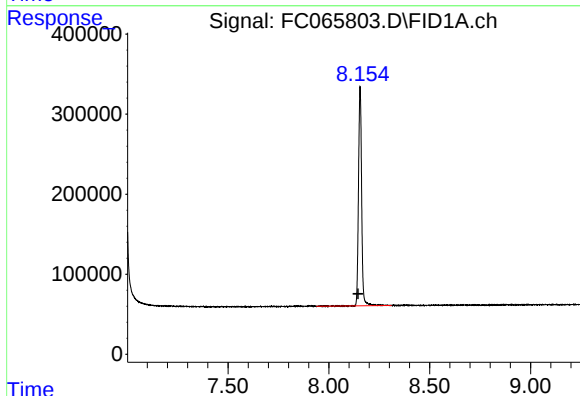
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: 0.005 min
Response: 3009056
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

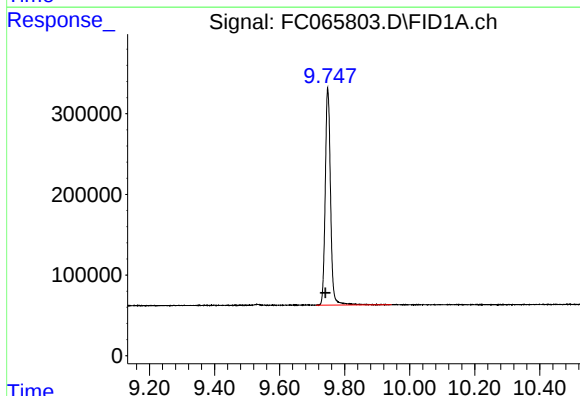
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



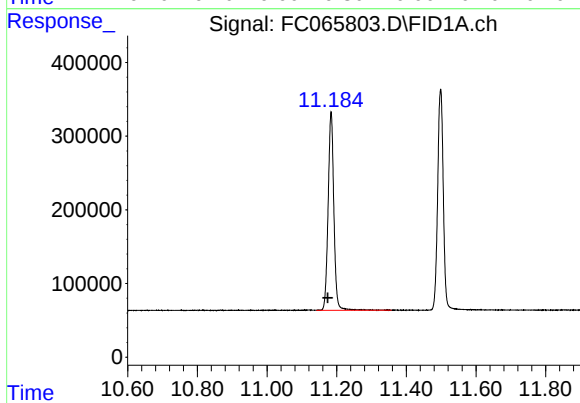
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 2976699
Conc: 20.05 ug/ml



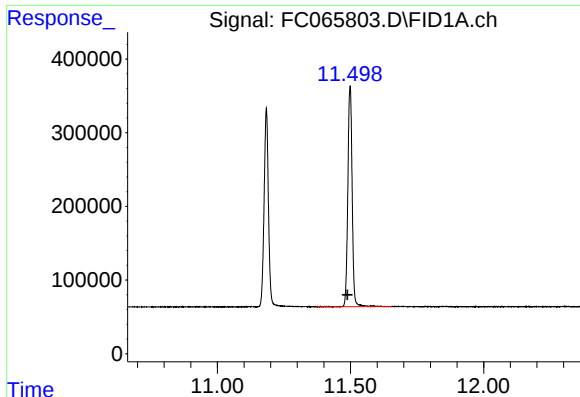
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.008 min
Response: 3046313
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.009 min
Response: 3065455
Conc: 19.87 ug/ml



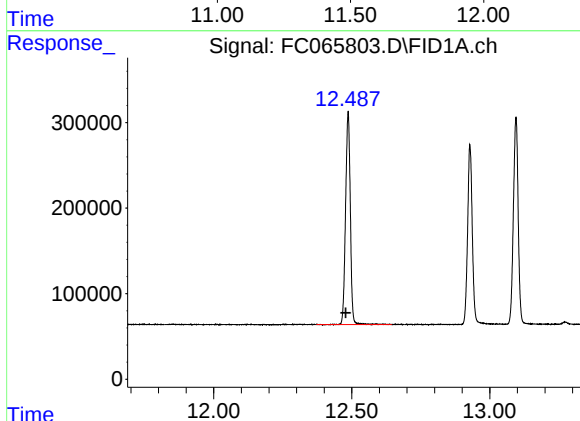
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.010 min
Response: 3371298
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

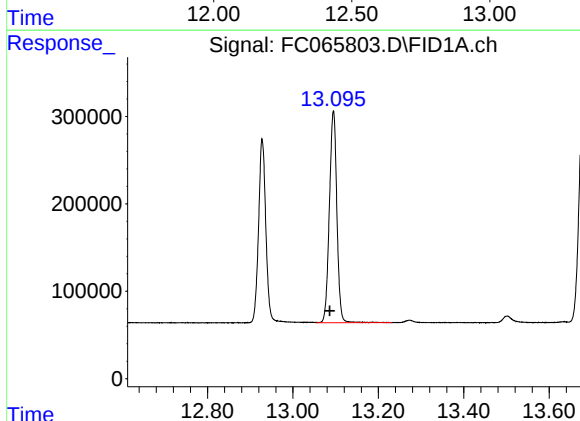
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



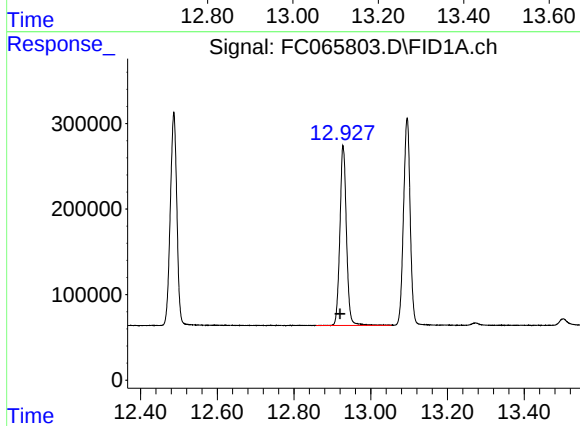
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.009 min
Response: 2965334
Conc: 19.72 ug/ml



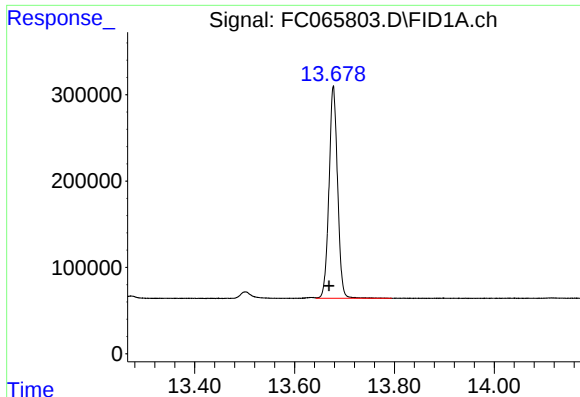
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.008 min
Response: 2939611
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 2499952
Conc: 19.86 ug/ml



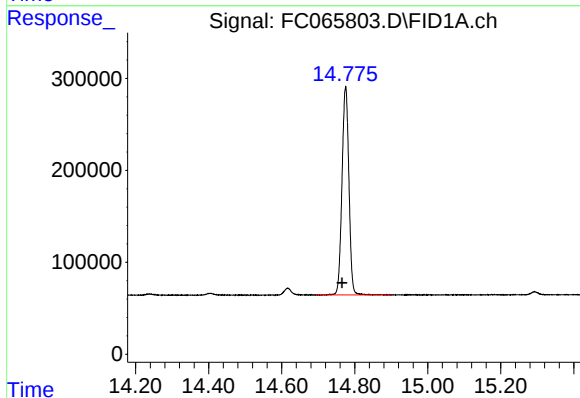
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.009 min
Response: 2933999
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

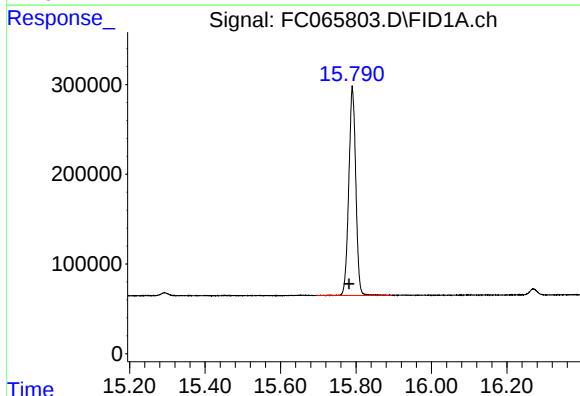
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



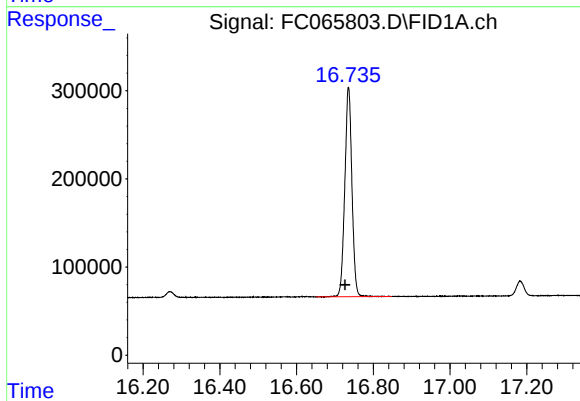
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.009 min
Response: 2974841
Conc: 20.01 ug/ml



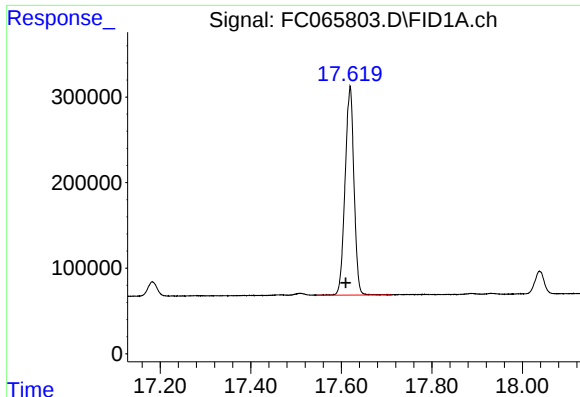
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: 0.009 min
Response: 2990235
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.010 min
Response: 3069628
Conc: 20.92 ug/ml



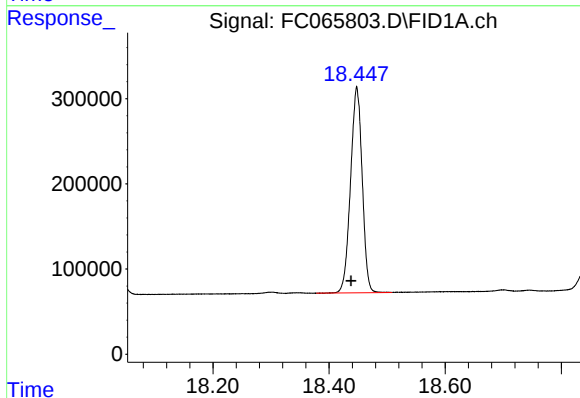
#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: 0.009 min
Response: 3329083
Conc: 22.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

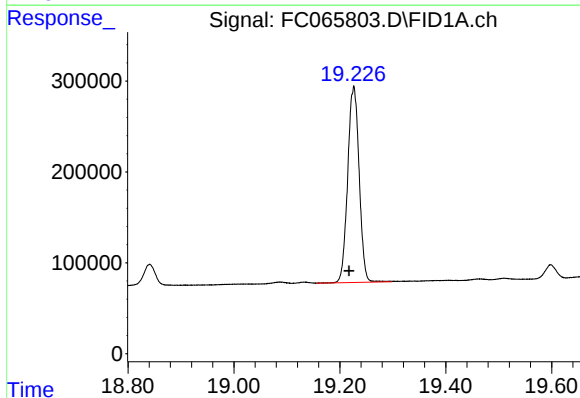
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



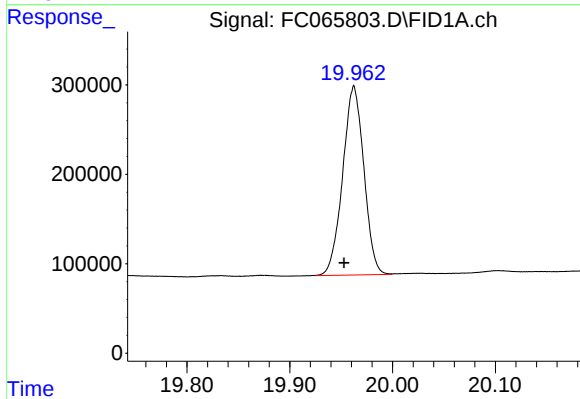
#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: 0.010 min
Response: 3366840
Conc: 22.77 ug/ml



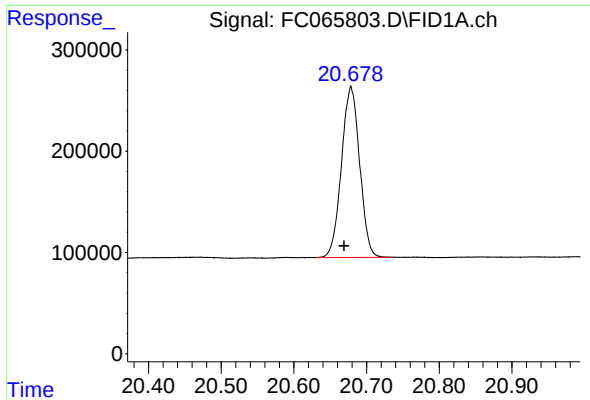
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.009 min
Response: 3236217
Conc: 22.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.009 min
Response: 3021321
Conc: 21.29 ug/ml m



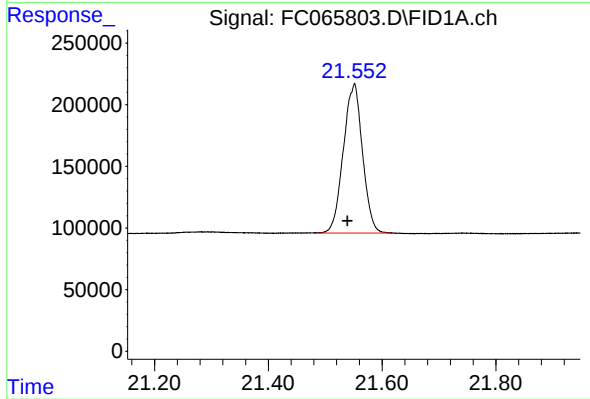
#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 2934101
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.013 min
Response: 2828000
Conc: 20.27 ug/ml m