

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065870.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 23:20
 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 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 02:26:33 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)	11.496	3327110	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	12.927	2515688	19.990 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.286	2829729	18.835 ug/ml
2) T n-Decane (C10)	4.348	2966997	19.514 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3134864	20.328 ug/ml
4) T n-Dodecane (C12)	6.362	3017203	19.714 ug/ml
5) T A~2-methylnaphthalene...	6.993	2914885	20.470 ug/ml
6) T n-Tetradecane (C14)	8.152	2931037	19.742 ug/ml
7) T n-Hexadecane (C16)	9.746	3041370	20.280 ug/ml
8) T n-Octadecane (C18)	11.182	3089226	20.027 ug/ml
10) T n-Eicosane (C20)	12.484	2965713	19.722 ug/ml
11) T n-Heneicosane (C21)	13.093	2957862	19.777 ug/ml
13) T n-Docosane (C22)	13.675	2967883	20.009 ug/ml
14) T n-Tetracosane (C24)	14.774	2988920	20.102 ug/ml
15) T n-Hexacosane (C26)	15.788	2981422	20.119 ug/ml
16) T n-Octacosane (C28)	16.732	3071475	20.933 ug/ml
17) T n-Tricontane (C30)	17.616	3349015	22.310 ug/ml
18) T n-Dotriacontane (C32)	18.443	3406667	23.036 ug/ml
19) T n-Tetratriacontane (C34)	19.224	3218712	22.207 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2998566	21.125 ug/ml
21) T n-Octatriacontane (C38)	20.674	2857747	20.189 ug/mlm
22) T n-Tetracontane (C40)	21.548	2739050	19.637 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
Data File : FC065870.D
Signal(s) : FID1A.ch
Acq On : 26 Feb 2024 23:20
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

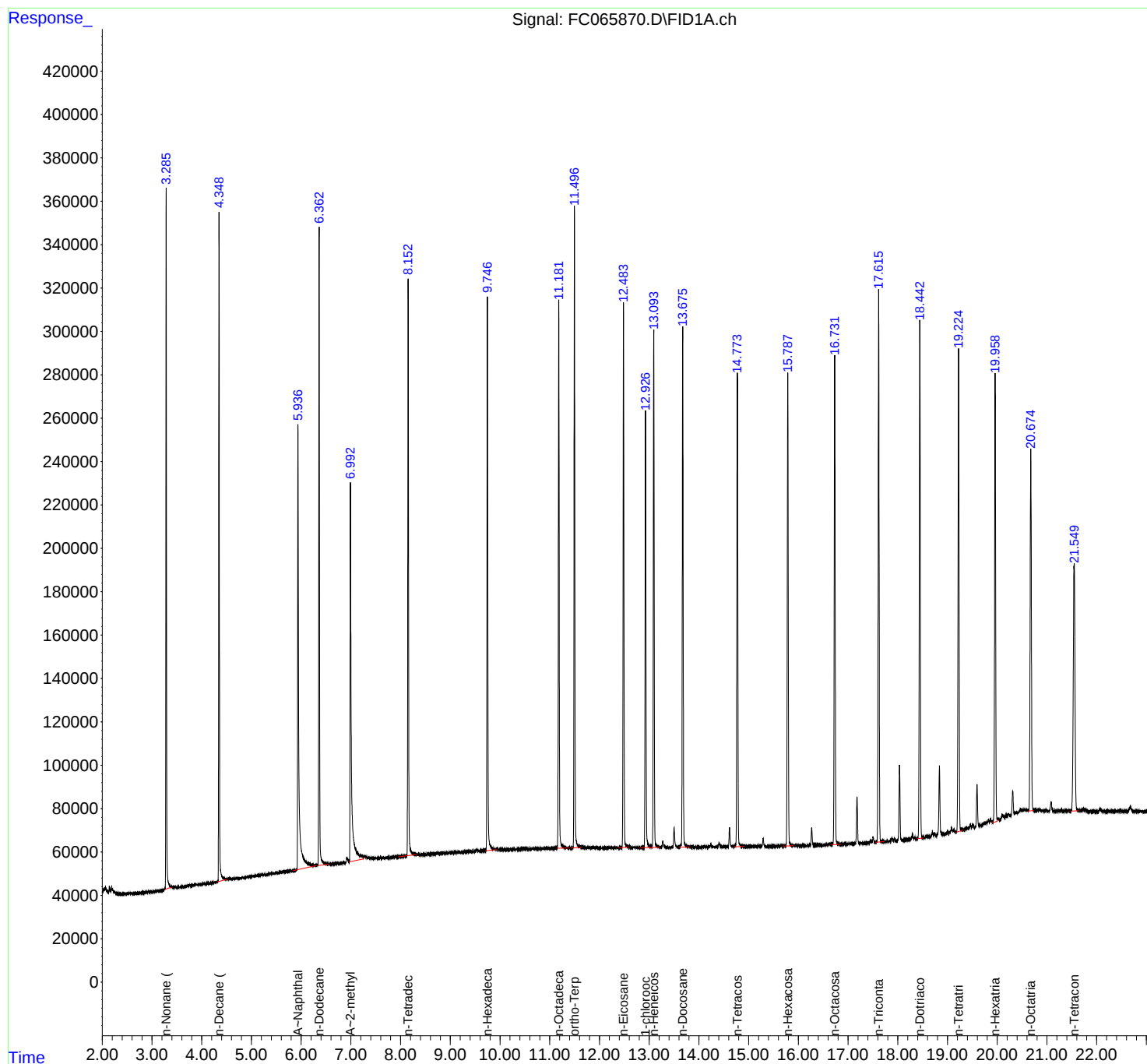
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

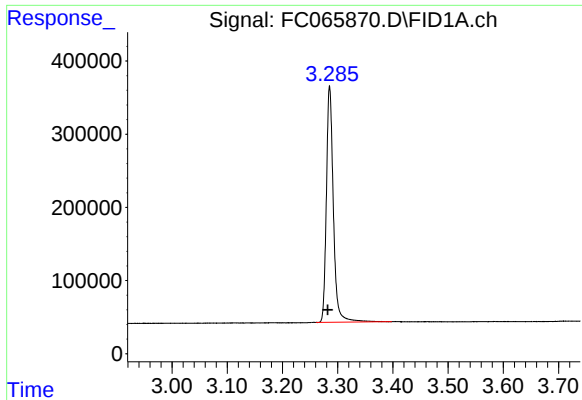
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
Quant Time: Feb 27 02:26:33 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





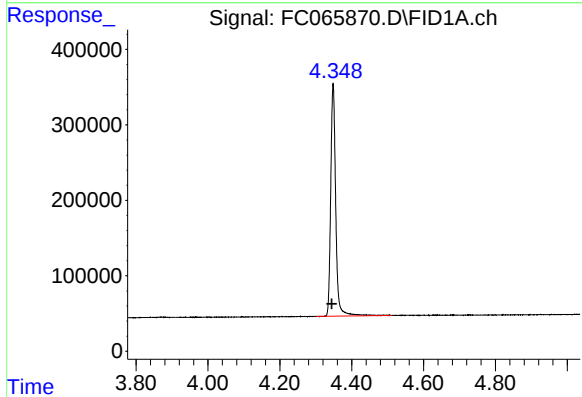
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.004 min
Response: 2829729
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

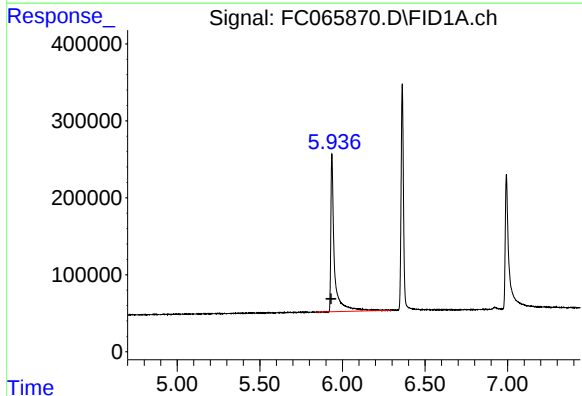
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



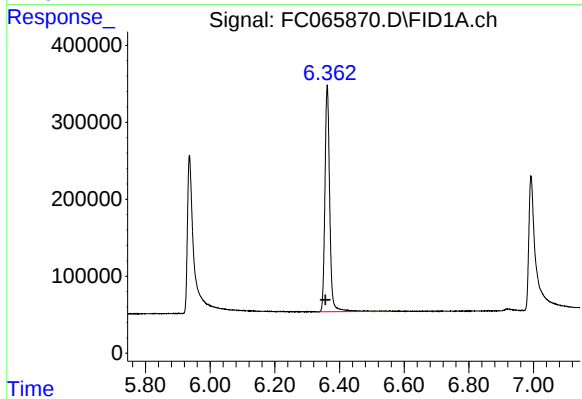
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.004 min
Response: 2966997
Conc: 19.51 ug/ml



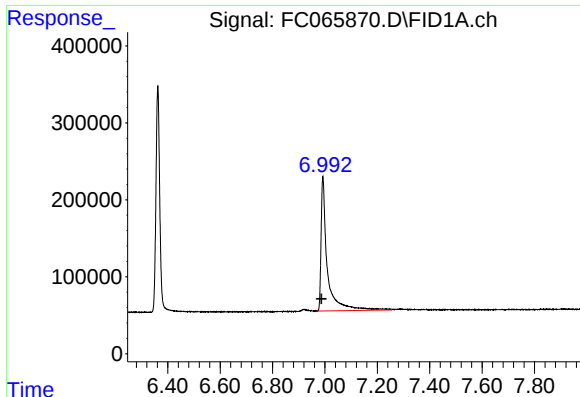
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: 0.005 min
Response: 3134864
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.005 min
Response: 3017203
Conc: 19.71 ug/ml



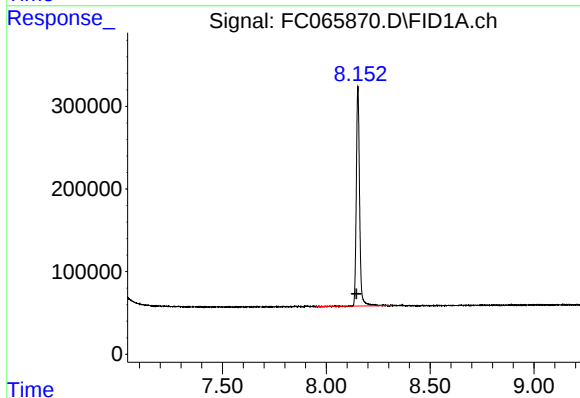
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.005 min
Response: 2914885
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

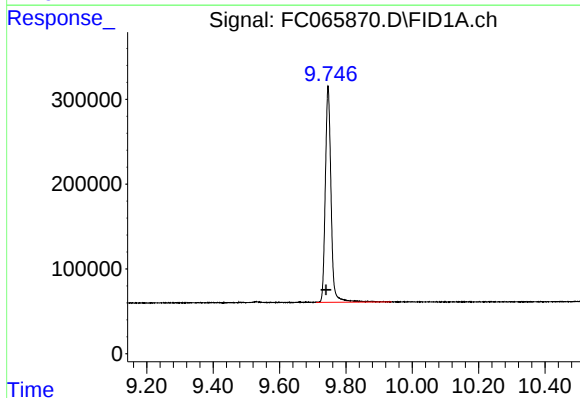
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



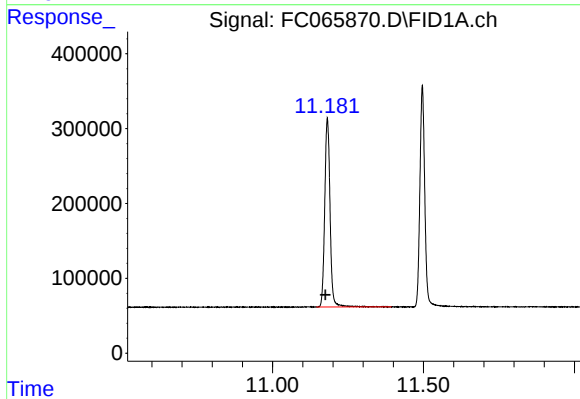
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 2931037
Conc: 19.74 ug/ml



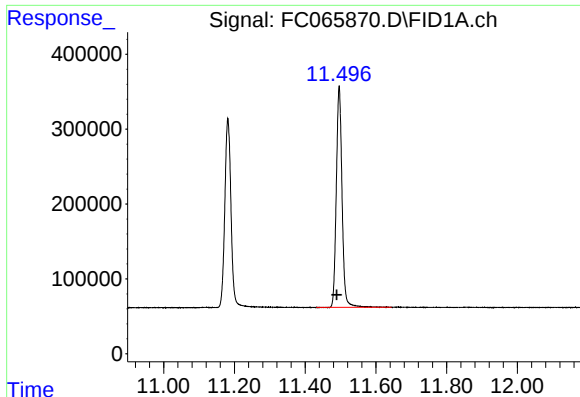
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.006 min
Response: 3041370
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.007 min
Response: 3089226
Conc: 20.03 ug/ml



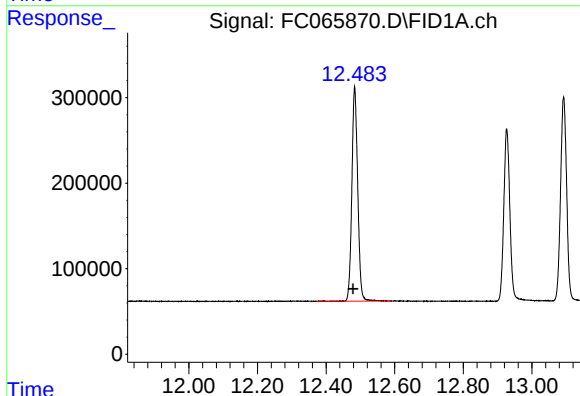
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.007 min
Response: 3327110
Conc: 19.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

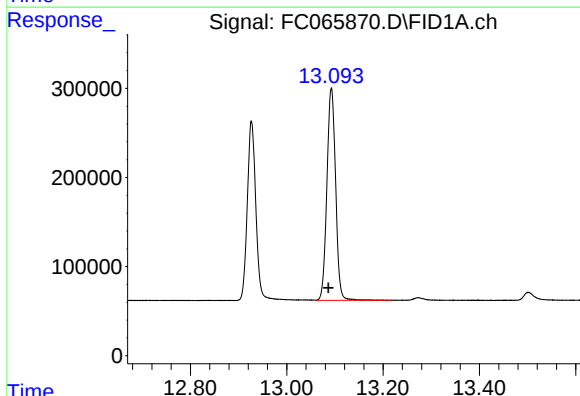
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



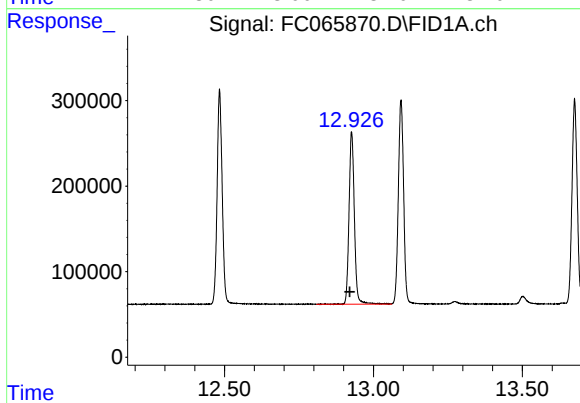
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.005 min
Response: 2965713
Conc: 19.72 ug/ml



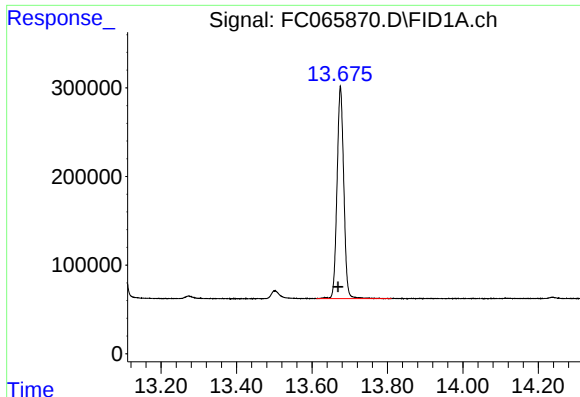
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 2957862
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: 0.007 min
Response: 2515688
Conc: 19.99 ug/ml



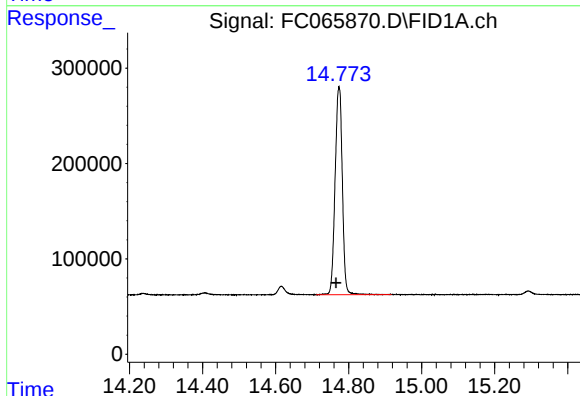
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.006 min
Response: 2967883
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

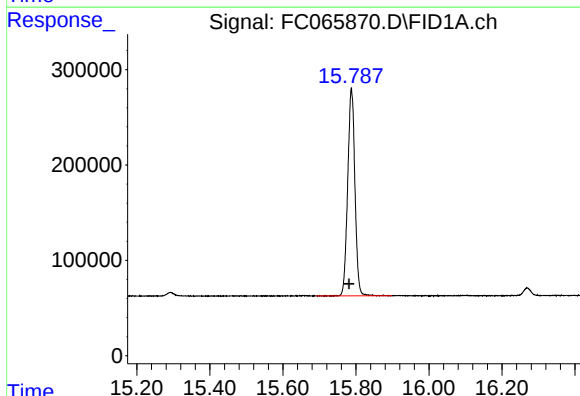
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



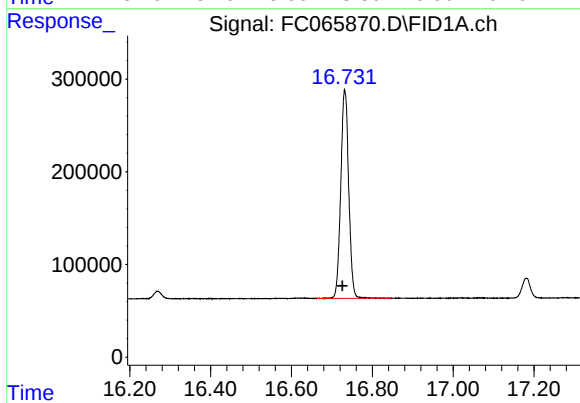
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 2988920
Conc: 20.10 ug/ml



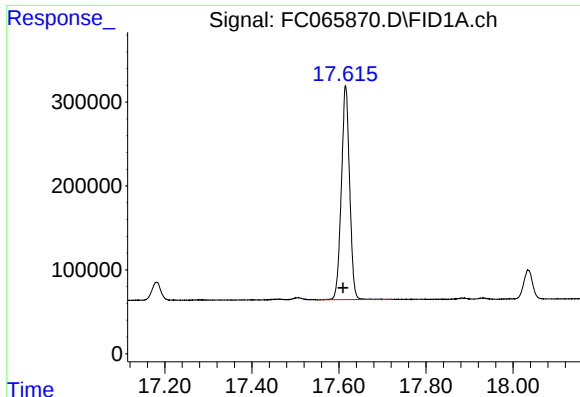
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.007 min
Response: 2981422
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.006 min
Response: 3071475
Conc: 20.93 ug/ml



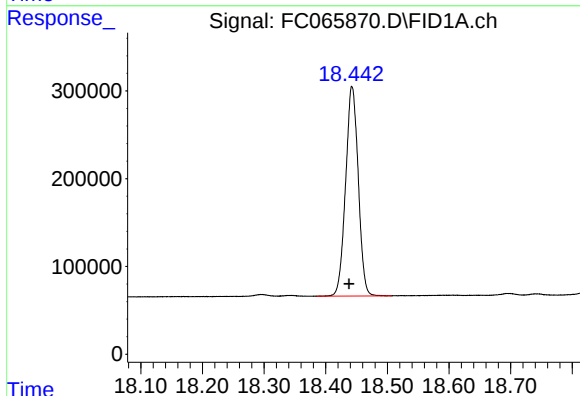
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.006 min
Response: 3349015
Conc: 22.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

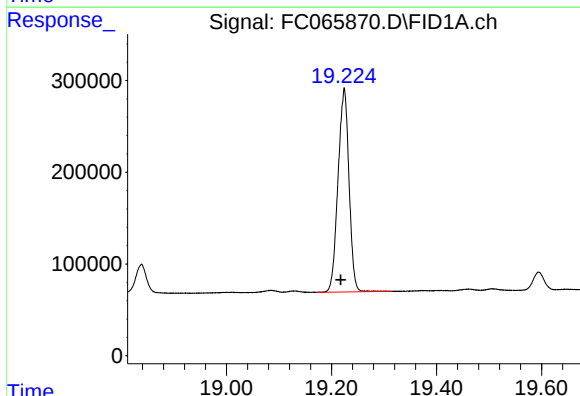
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



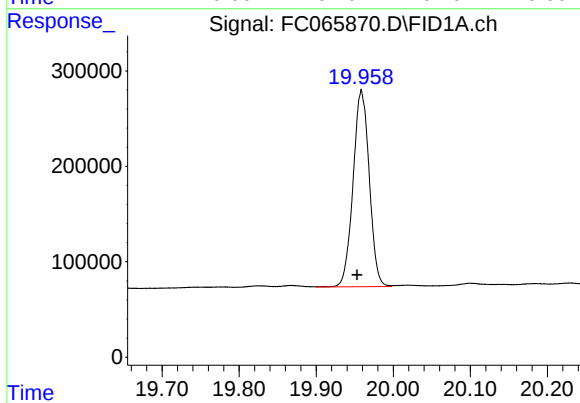
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.005 min
Response: 3406667
Conc: 23.04 ug/ml



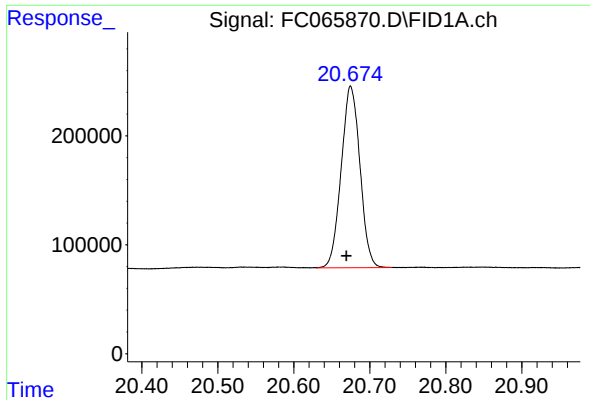
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.006 min
Response: 3218712
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.006 min
Response: 2998566
Conc: 21.12 ug/ml



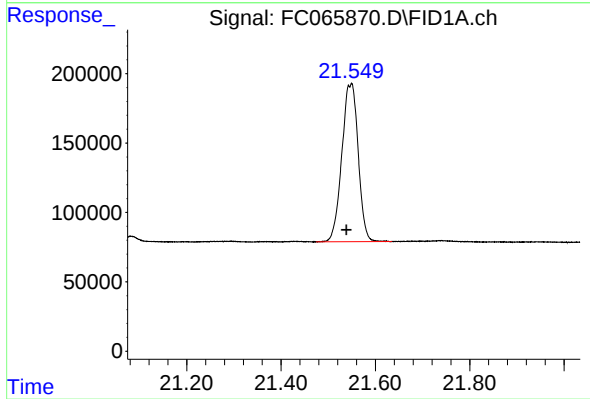
#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.005 min
Response: 2857747
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.009 min
Response: 2739050
Conc: 19.64 ug/ml