

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064135.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 13:11
 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 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 03:09:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.518	3862810	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.954	2753663	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.306	3473807	19.477 ug/ml
2) T n-Decane (C10)	4.367	3529374	19.504 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3598590	19.292 ug/ml
4) T n-Dodecane (C12)	6.380	3512666	19.499 ug/ml
5) T A~2-methylnaphthalene...	7.002	3393813	19.284 ug/ml
6) T n-Tetradecane (C14)	8.170	3386964	19.579 ug/ml
7) T n-Hexadecane (C16)	9.767	3423701	19.709 ug/ml
8) T n-Octadecane (C18)	11.206	3434424	19.927 ug/ml
10) T n-Eicosane (C20)	12.510	3232813	19.803 ug/ml
11) T n-Heneicosane (C21)	13.120	3162683	19.739 ug/ml
13) T n-Docosane (C22)	13.705	3109613	19.789 ug/ml
14) T n-Tetracosane (C24)	14.804	3068712	19.469 ug/ml
15) T n-Hexacosane (C26)	15.823	3001212	19.864 ug/ml
16) T n-Octacosane (C28)	16.769	2966392	19.687 ug/ml
17) T n-Tricontane (C30)	17.653	3087649	19.777 ug/ml
18) T n-Dotriacontane (C32)	18.482	3102592	19.639 ug/ml
19) T n-Tetratriacontane (C34)	19.263	3036232	19.731 ug/ml
20) T n-Hexatriacontane (C36)	20.000	2933183	19.867 ug/mlm
21) T n-Octatriacontane (C38)	20.722	2918358	19.702 ug/ml
22) T n-Tetracontane (C40)	21.607	2873428	19.714 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
Data File : FC064135.D
Signal(s) : FID1A.ch
Acq On : 18 Jul 2023 13:11
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

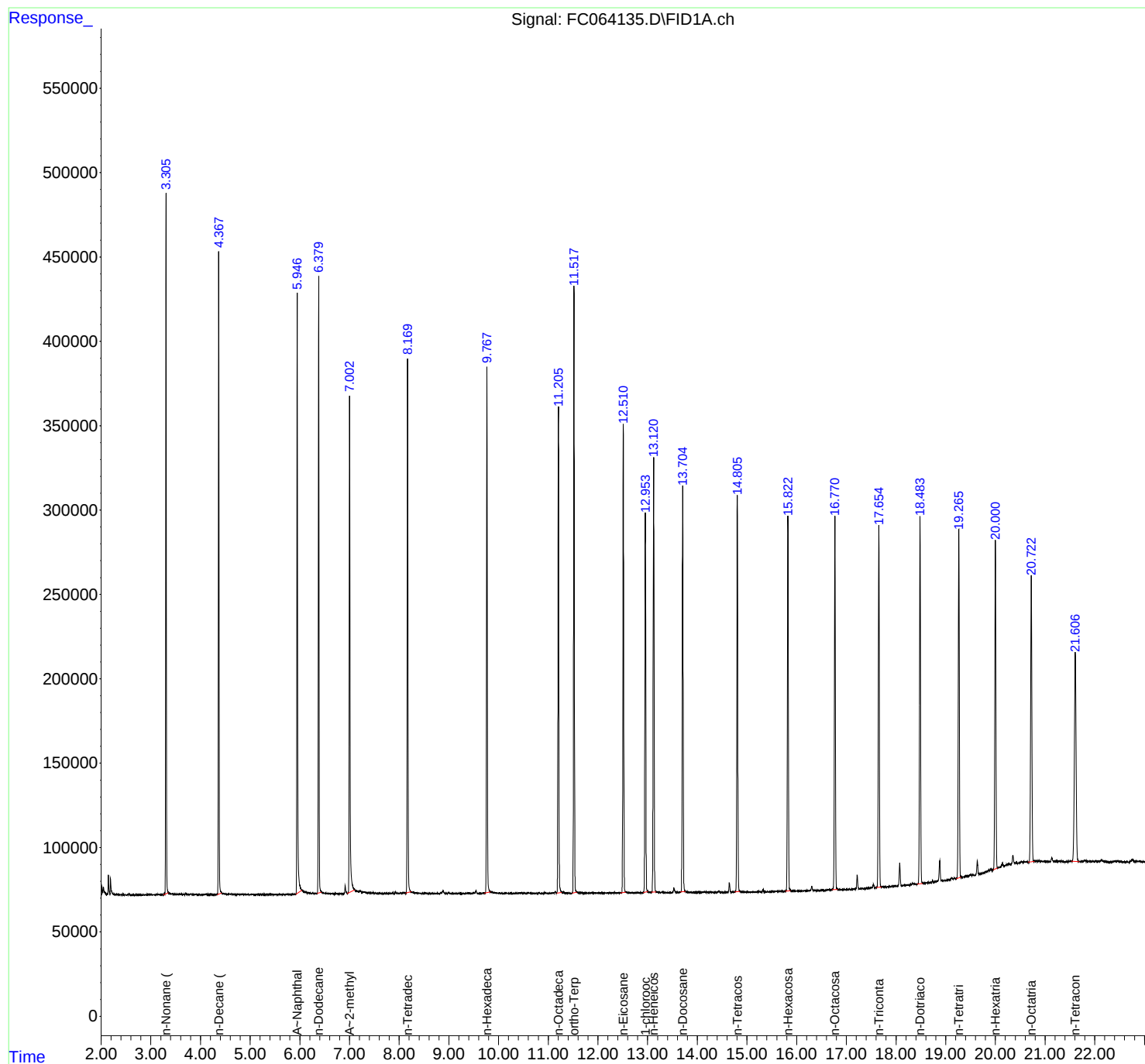
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

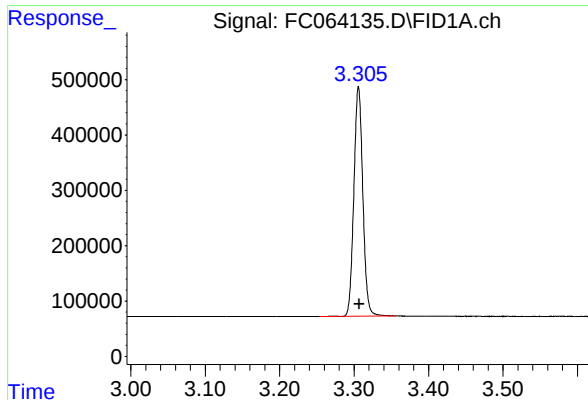
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
Quant Time: Jul 19 03:09:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 04:03:48 2023
Response via : Initial Calibration
Integrator: ChemStation

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





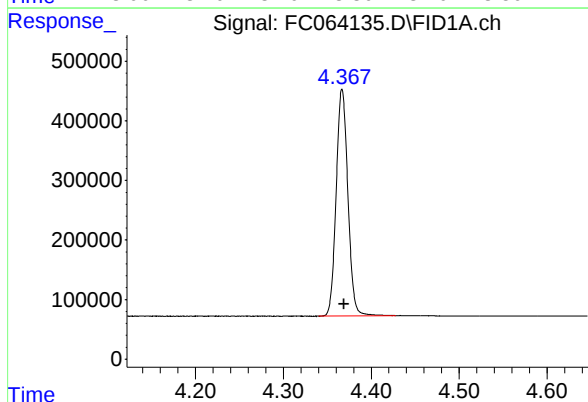
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.001 min
Response: 3473807
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

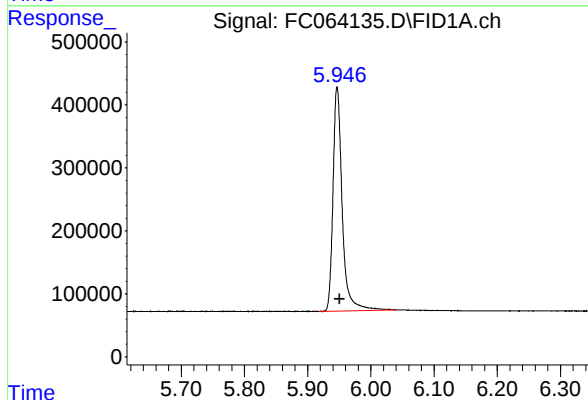
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



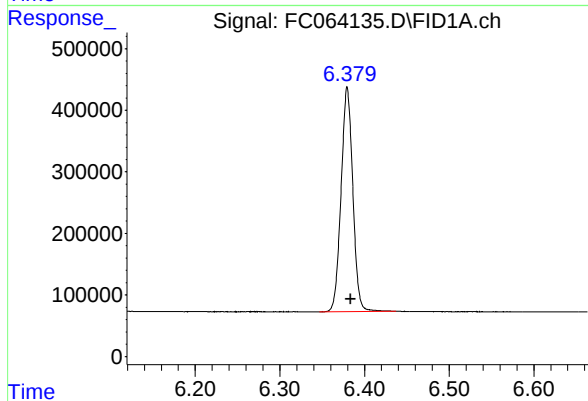
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3529374
Conc: 19.50 ug/ml



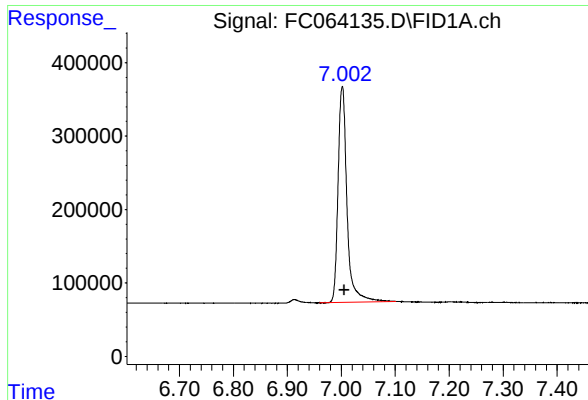
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 3598590
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.004 min
Response: 3512666
Conc: 19.50 ug/ml



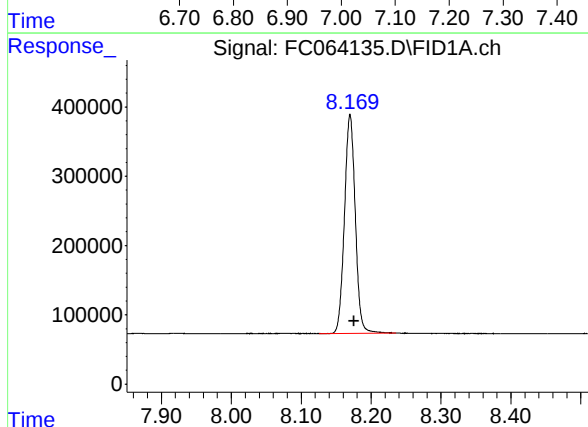
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 3393813
Conc: 19.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

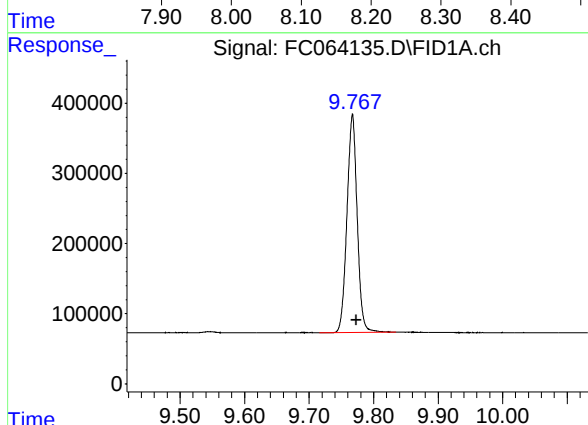
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



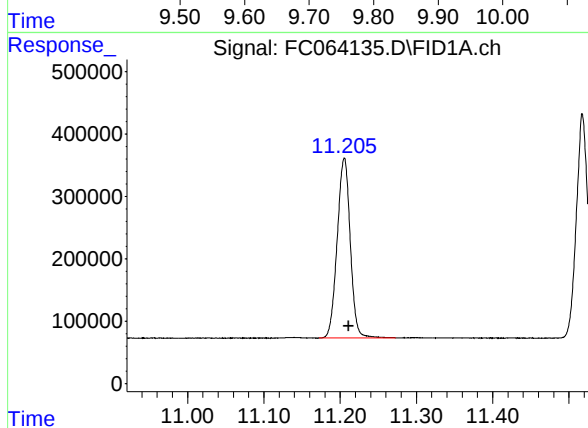
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 3386964
Conc: 19.58 ug/ml



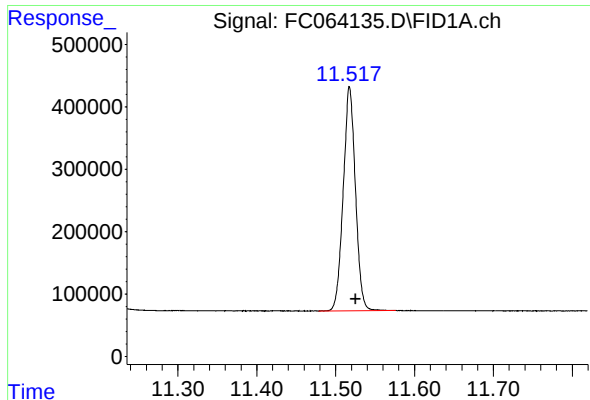
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.006 min
Response: 3423701
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.006 min
Response: 3434424
Conc: 19.93 ug/ml



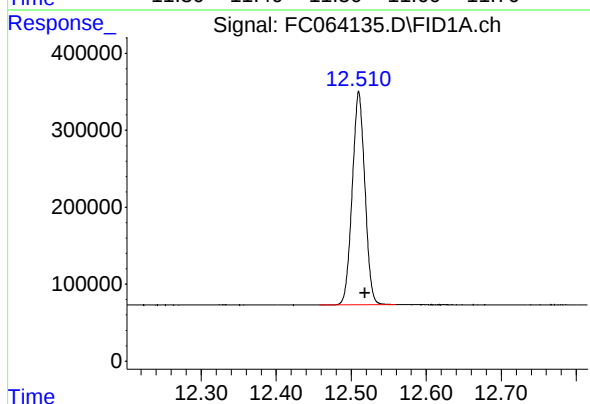
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.007 min
Response: 3862810
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

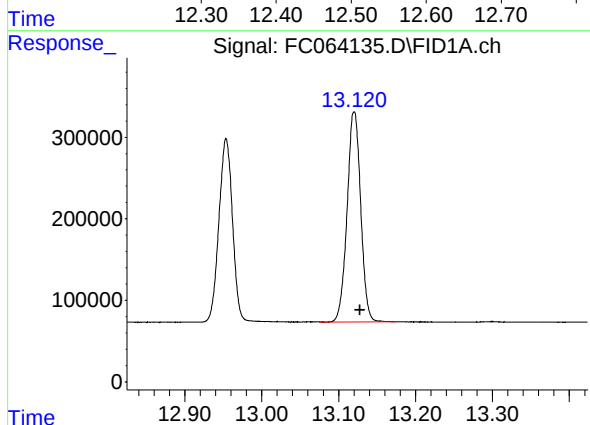
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



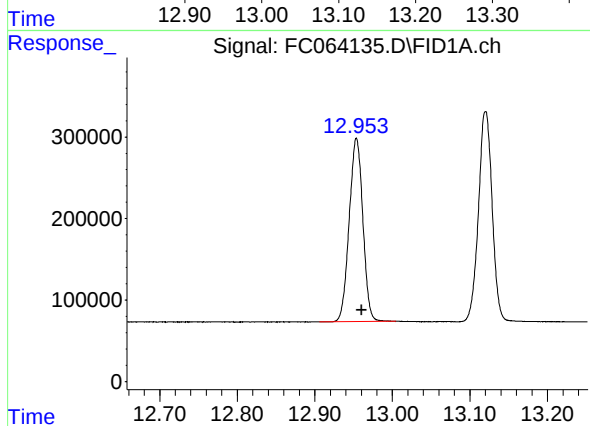
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.008 min
Response: 3232813
Conc: 19.80 ug/ml



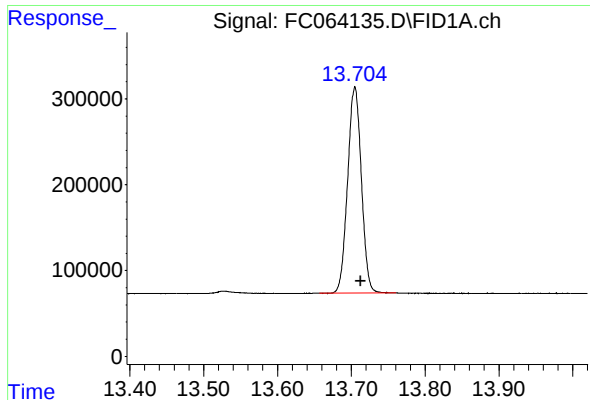
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: -0.008 min
Response: 3162683
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 2753663
Conc: 19.79 ug/ml



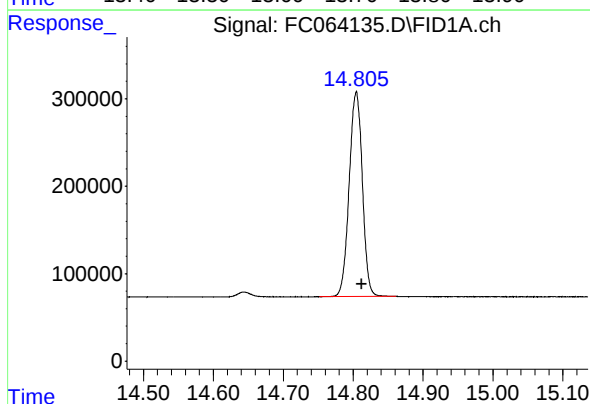
#13 n-Docosane (C22)

R.T.: 13.705 min
Delta R.T.: -0.008 min
Response: 3109613
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

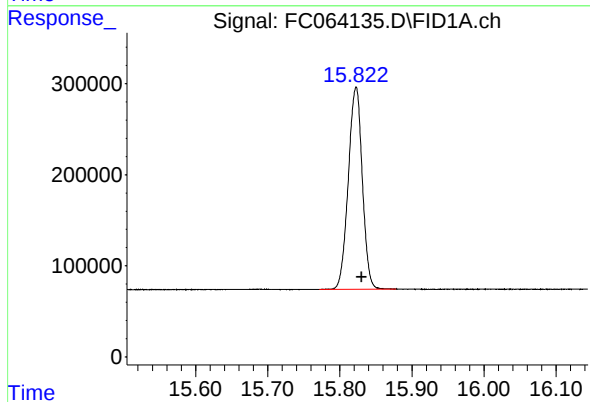
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



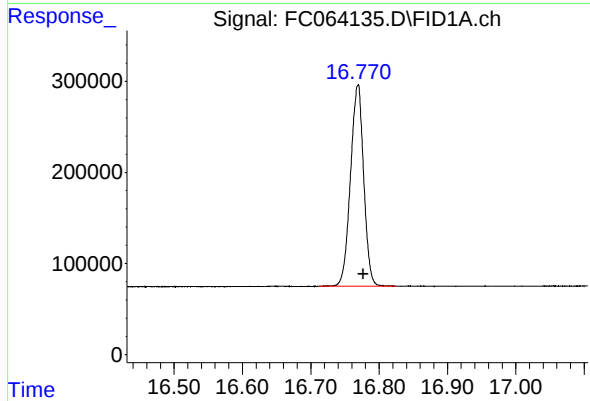
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.008 min
Response: 3068712
Conc: 19.47 ug/ml



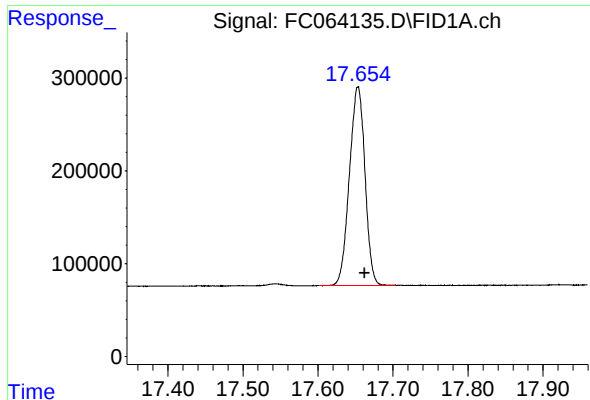
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: -0.007 min
Response: 3001212
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: -0.008 min
Response: 2966392
Conc: 19.69 ug/ml



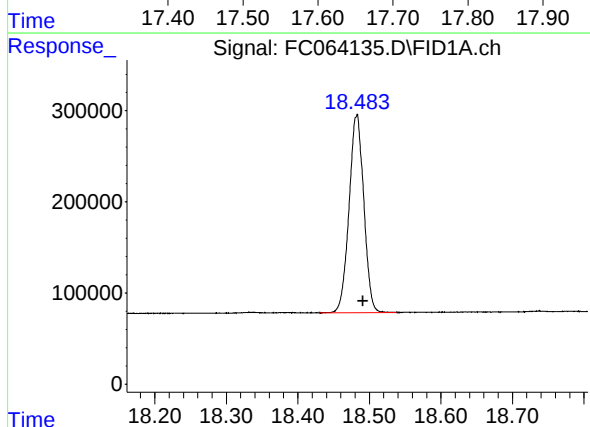
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.009 min
Response: 3087649
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

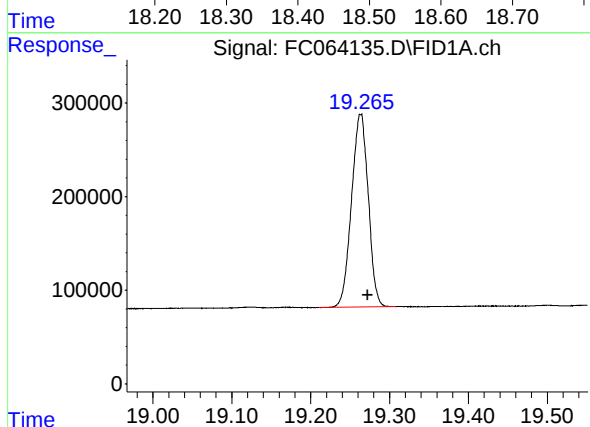
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



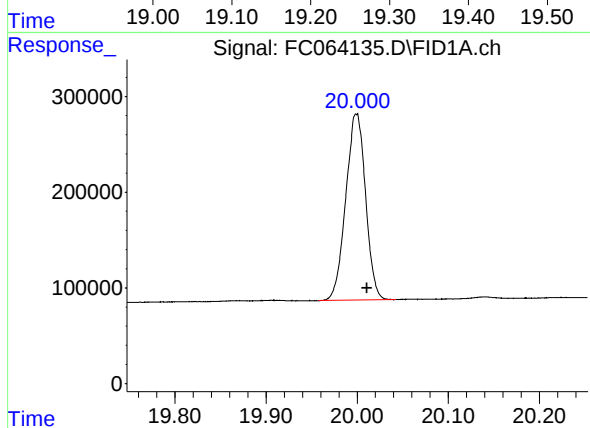
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.009 min
Response: 3102592
Conc: 19.64 ug/ml



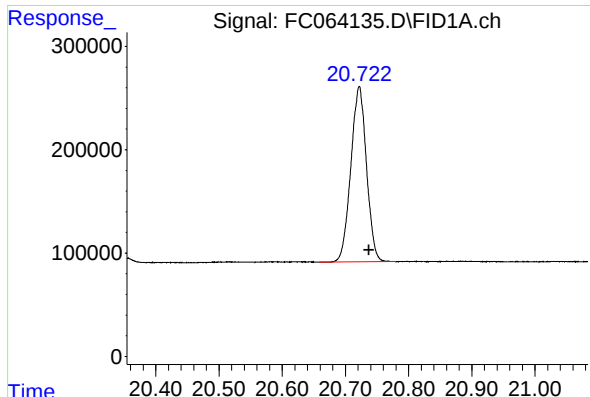
#19 n-Tetatriacontane (C34)

R.T.: 19.263 min
Delta R.T.: -0.009 min
Response: 3036232
Conc: 19.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: -0.010 min
Response: 2933183
Conc: 19.87 ug/ml m



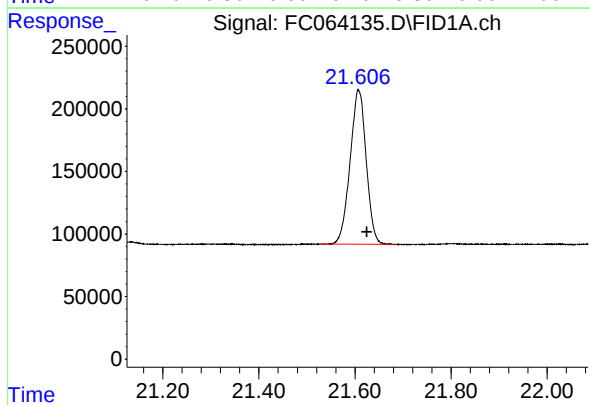
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 2918358
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.018 min
Response: 2873428
Conc: 19.71 ug/ml