

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064036.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 13:14
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 05:55:12 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)	11.522	3908425	20.130 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.959	2814363	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.305	3617587	20.284 ug/ml
2) T n-Decane (C10)	4.368	3692843	20.408 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3797721	20.360 ug/ml
4) T n-Dodecane (C12)	6.382	3664038	20.339 ug/ml
5) T A~2-methylnaphthalene...	7.004	3584041	20.365 ug/ml
6) T n-Tetradecane (C14)	8.173	3512571	20.305 ug/ml
7) T n-Hexadecane (C16)	9.770	3513853	20.228 ug/ml
8) T n-Octadecane (C18)	11.209	3480687	20.196 ug/ml
10) T n-Eicosane (C20)	12.515	3277039	20.074 ug/ml
11) T n-Heneicosane (C21)	13.126	3197684	19.958 ug/ml
13) T n-Docosane (C22)	13.710	3149647	20.044 ug/ml
14) T n-Tetracosane (C24)	14.808	3103178	19.687 ug/ml
15) T n-Hexacosane (C26)	15.828	3039523	20.118 ug/ml
16) T n-Octacosane (C28)	16.776	3015702	20.014 ug/ml
17) T n-Tricontane (C30)	17.659	3143883	20.137 ug/ml
18) T n-Dotriacontane (C32)	18.487	3162590	20.019 ug/ml
19) T n-Tetratriacontane (C34)	19.268	3117335	20.258 ug/ml
20) T n-Hexatriacontane (C36)	20.006	3034830	20.556 ug/mlm
21) T n-Octatriacontane (C38)	20.729	3013249	20.342 ug/ml
22) T n-Tetracontane (C40)	21.619	2973852	20.403 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
Data File : FC064036.D
Signal(s) : FID1A.ch
Acq On : 03 Jul 2023 13:14
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

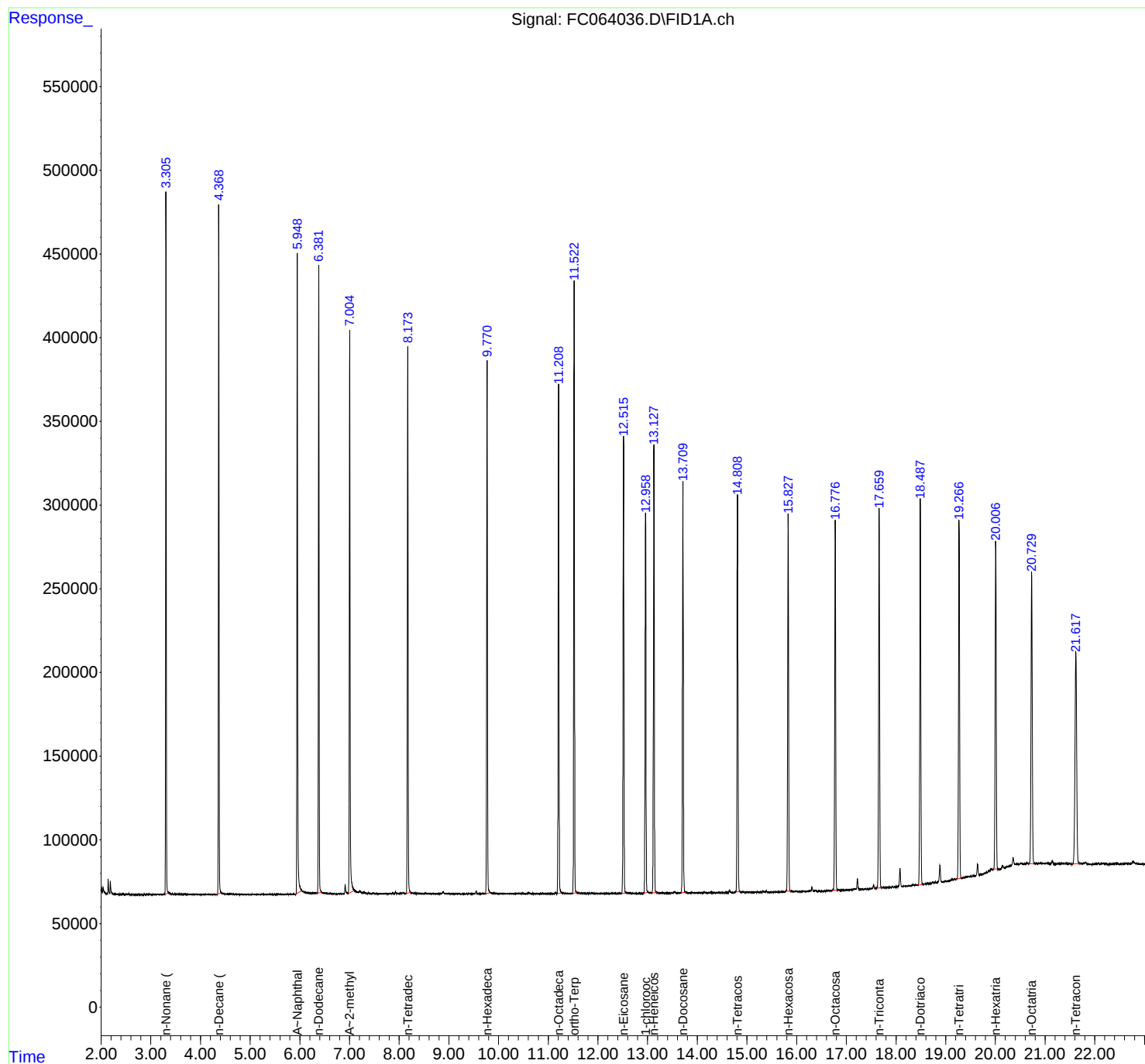
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

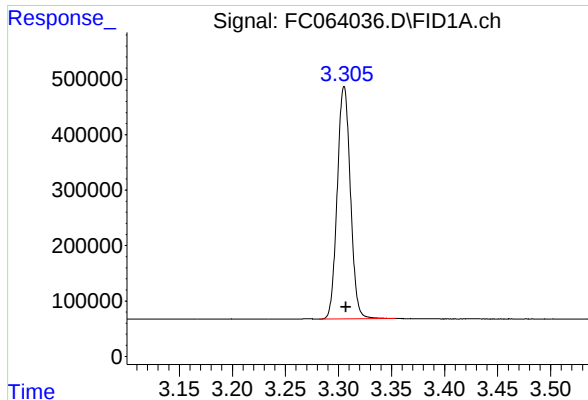
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
Quant Time: Jul 04 05:55:12 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





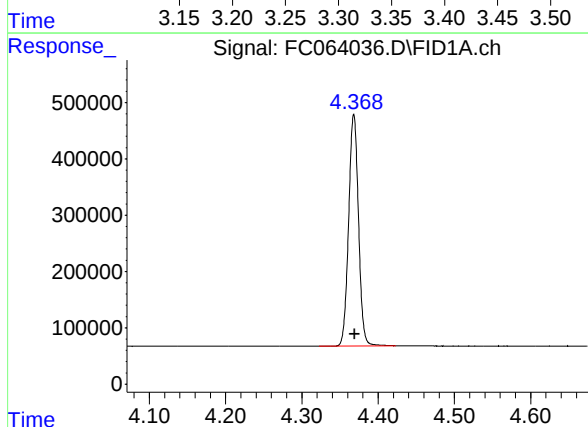
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3617587
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

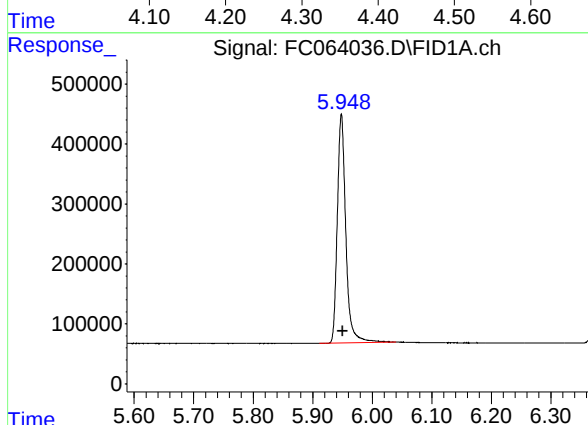
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



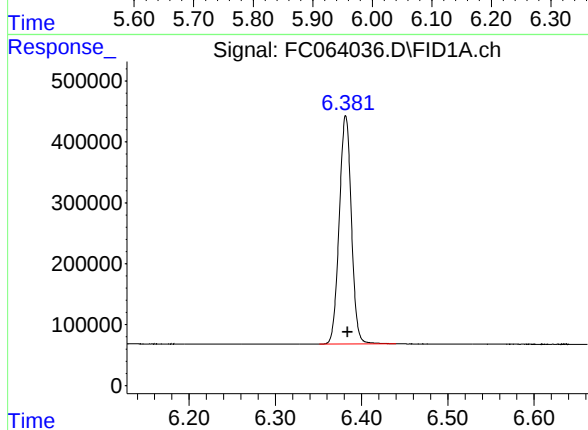
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3692843
Conc: 20.41 ug/ml



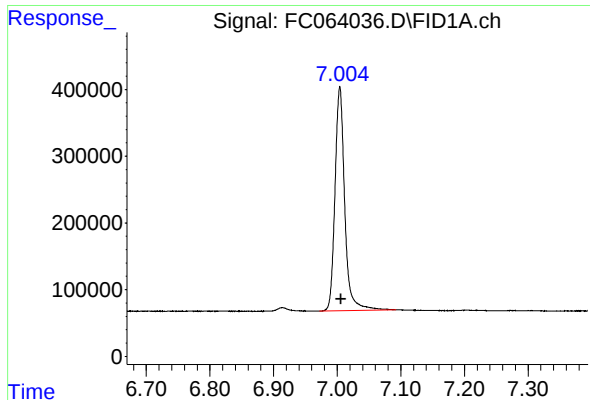
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 3797721
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3664038
Conc: 20.34 ug/ml



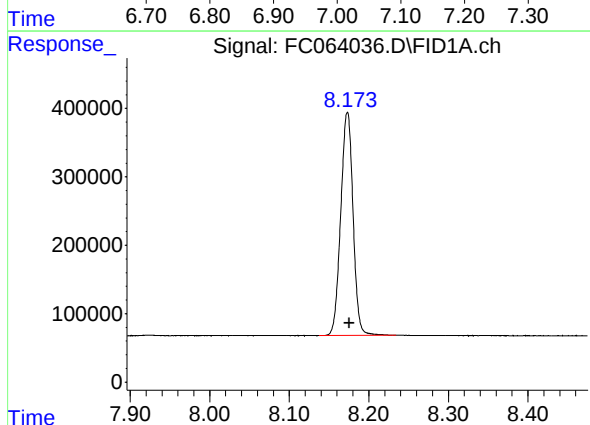
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3584041
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

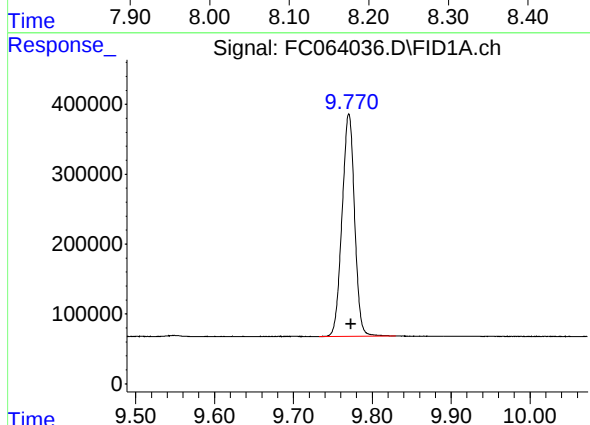
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



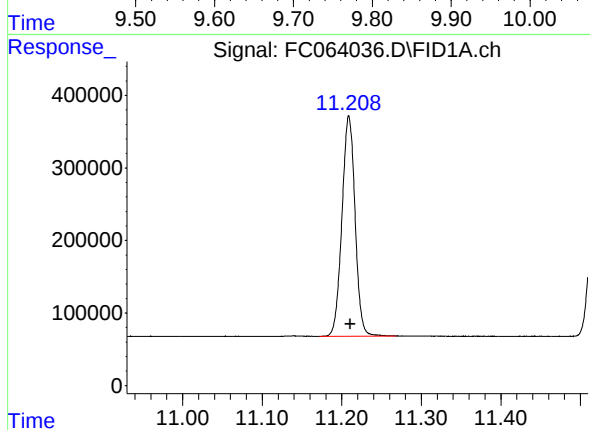
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 3512571
Conc: 20.31 ug/ml



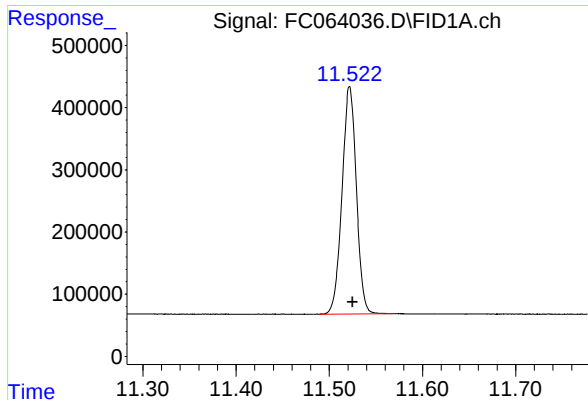
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3513853
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 3480687
Conc: 20.20 ug/ml



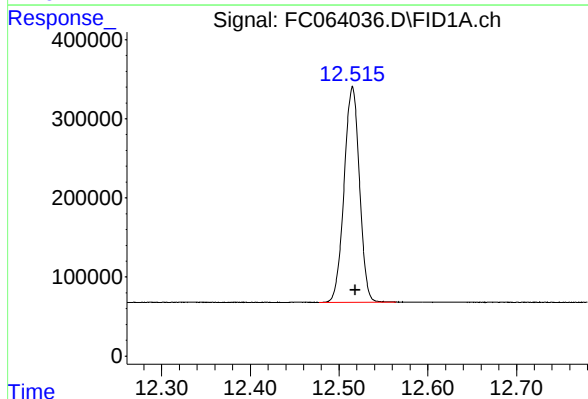
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 3908425
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

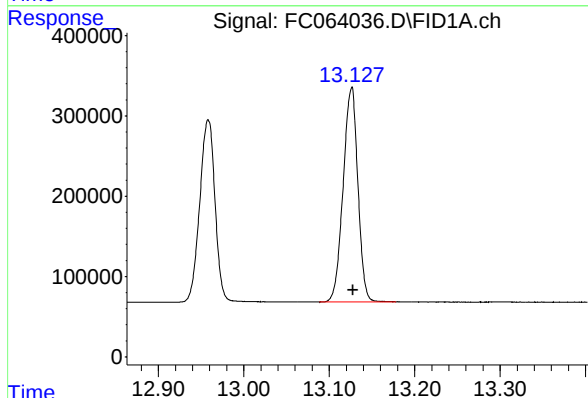
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



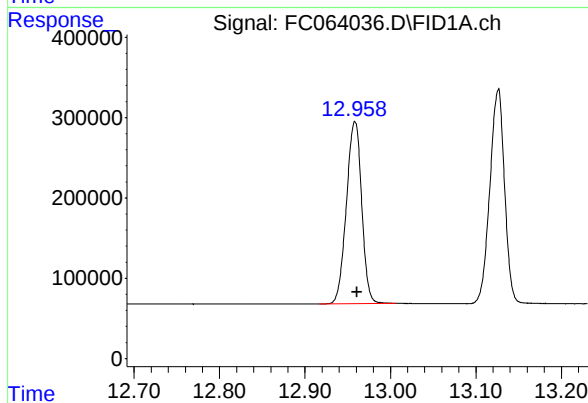
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 3277039
Conc: 20.07 ug/ml



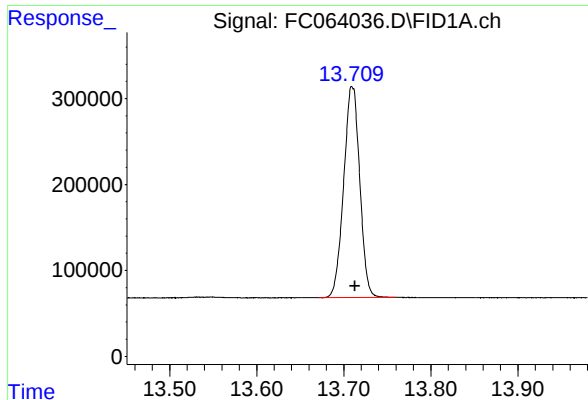
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 3197684
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 2814363
Conc: 20.23 ug/ml



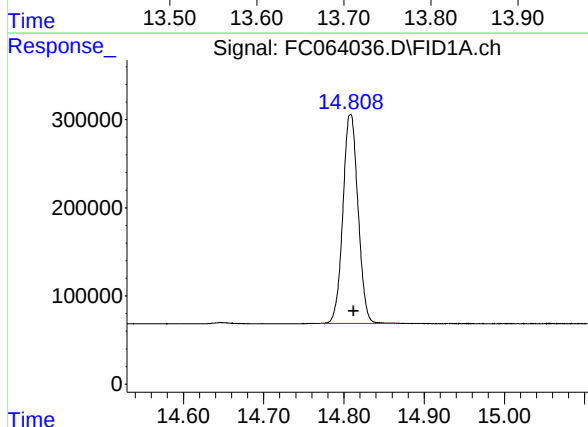
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.003 min
Response: 3149647
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

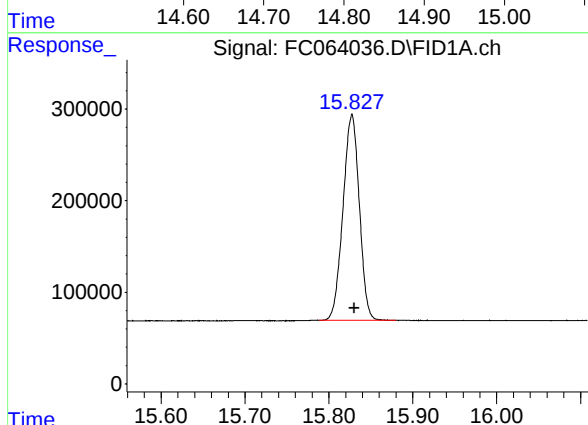
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



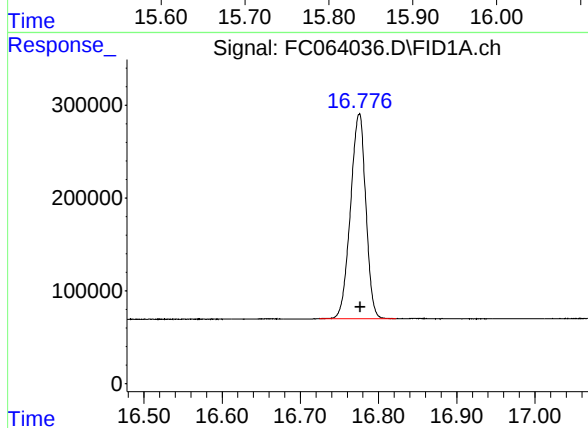
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.004 min
Response: 3103178
Conc: 19.69 ug/ml



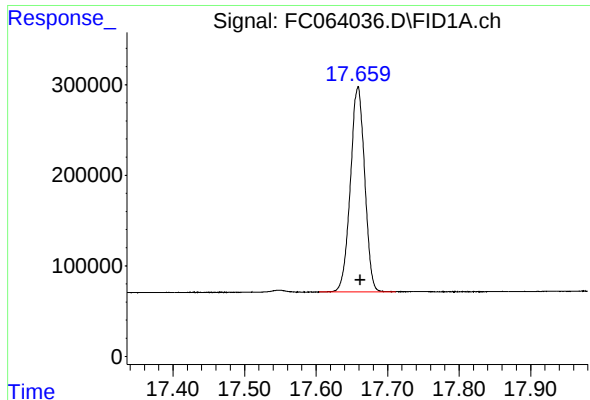
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.003 min
Response: 3039523
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.001 min
Response: 3015702
Conc: 20.01 ug/ml



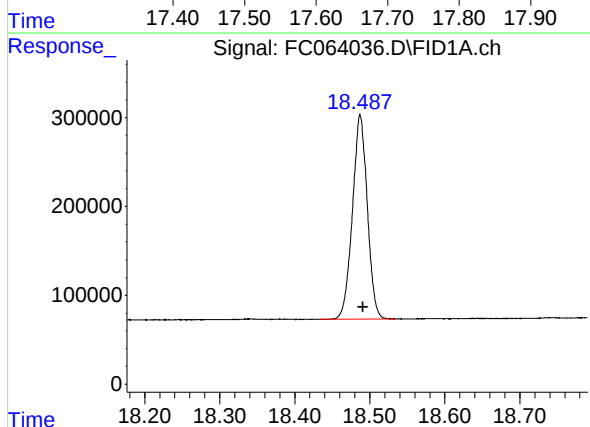
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.003 min
Response: 3143883
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

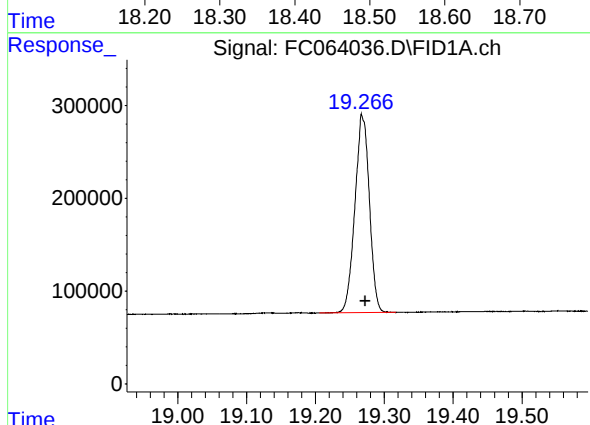
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



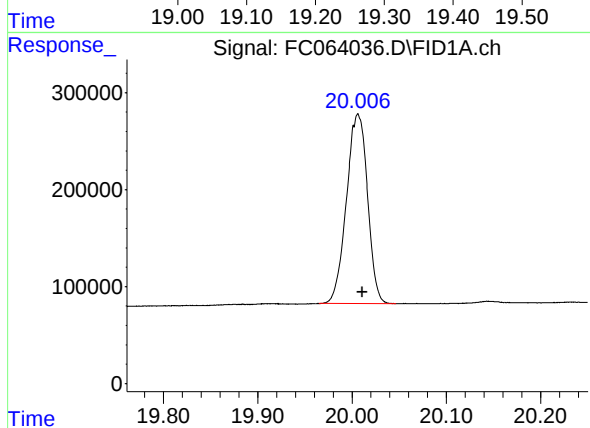
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.004 min
Response: 3162590
Conc: 20.02 ug/ml



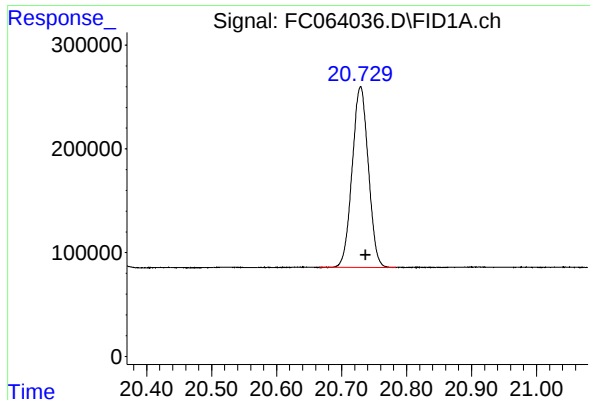
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.004 min
Response: 3117335
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 3034830
Conc: 20.56 ug/ml m



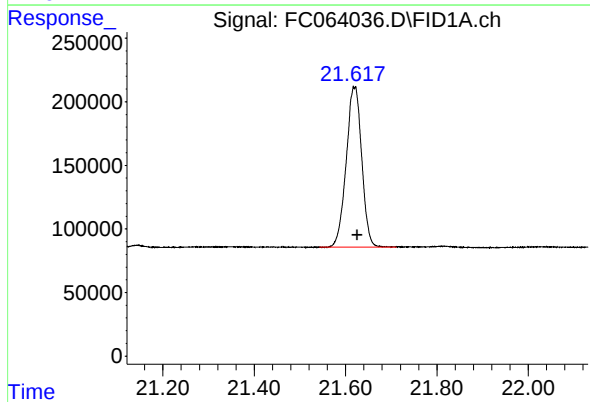
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 3013249
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.006 min
Response: 2973852
Conc: 20.40 ug/ml