

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
 Data File : FC066554.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2024 16:56
 Operator : YP/AJ
 Sample : PB161384BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161384BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
 Quant Time: Jun 08 02:06:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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			
12) S 1-chlorooctadecane (S...	12.993	4179436	36.575 ug/ml
Spiked Amount 50.000		Recovery =	73.15%
Target Compounds			
1) T n-Nonane (C9)	3.308	3380831	24.157 ug/ml
2) T n-Decane (C10)	4.378	4259959	29.607 ug/ml
4) T n-Dodecane (C12)	6.399	4662800	32.382 ug/ml
6) T n-Tetradecane (C14)	8.196	5149359	36.475 ug/ml
7) T n-Hexadecane (C16)	9.798	5692857	39.612 ug/ml
8) T n-Octadecane (C18)	11.241	6199648	43.322 ug/ml
10) T n-Eicosane (C20)	12.551	6445203	47.369 ug/ml
11) T n-Heneicosane (C21)	13.163	6281152	47.119 ug/ml
13) T n-Docosane (C22)	13.749	6242440	47.364 ug/ml
14) T n-Tetracosane (C24)	14.853	6183310	47.500 ug/ml
15) T n-Hexacosane (C26)	15.873	6081302	47.817 ug/ml
16) T n-Octacosane (C28)	16.823	5973752	48.118 ug/ml
17) T n-Tricontane (C30)	17.710	5992178	47.547 ug/ml
18) T n-Dotriacontane (C32)	18.543	5962724	48.447 ug/ml
19) T n-Tetratriacontane (C34)	19.327	5912457	49.302 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	5734869	47.335 ug/ml
21) T n-Octatriacontane (C38)	20.801	5724790	49.487 ug/ml
22) T n-Tetracontane (C40)	21.709	5438718	44.400 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
Data File : FC066554.D
Signal(s) : FID1A.ch
Acq On : 07 Jun 2024 16:56
Operator : YP/AJ
Sample : PB161384BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_C

Client Sample ID :

PB161384BS

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 06/10/2024

Supervised By : Ankita Jodhani 06/10/2024

Integration File: autoint1.e

Quant Time: Jun 08 02:06:42 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M

Quant Title : GC Extractables

QLast Update : Tue May 28 12:26:07 2024

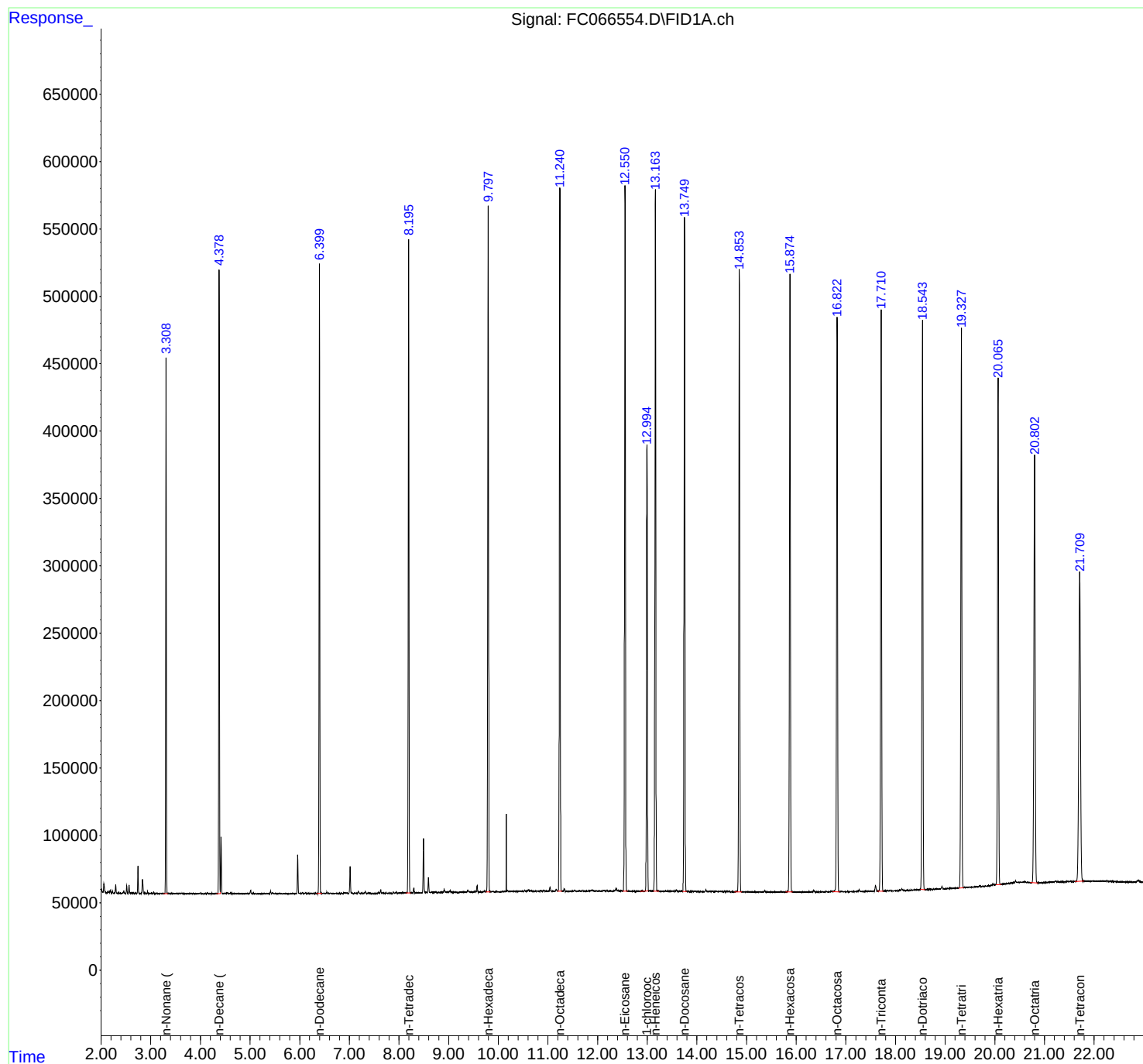
Response via : Initial Calibration

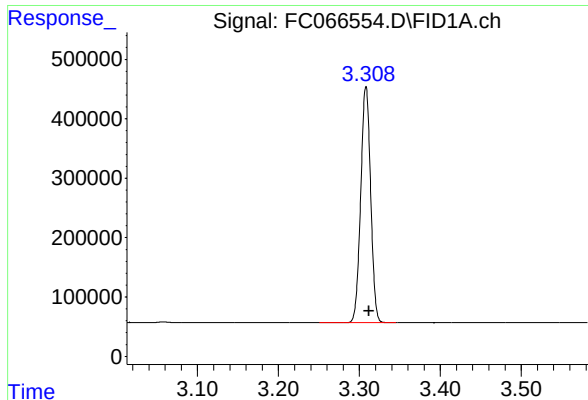
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 3380831
Conc: 24.16 ug/ml

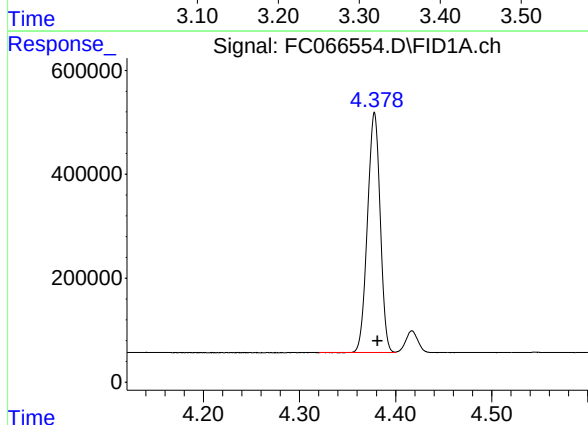
Instrument :

FID_C

ClientSampleId :
PB161384BS

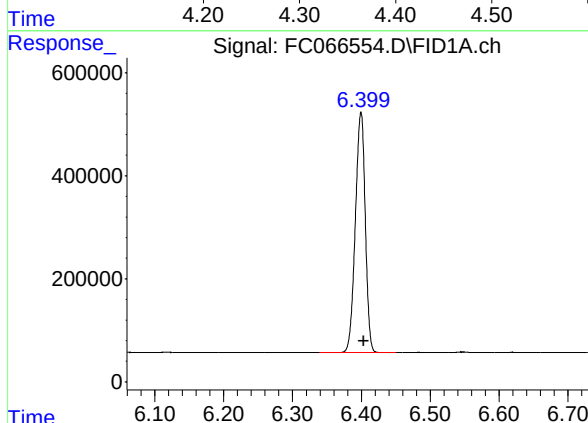
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



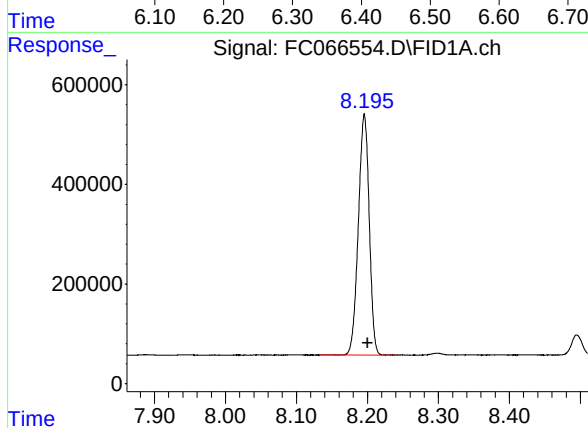
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 4259959
Conc: 29.61 ug/ml



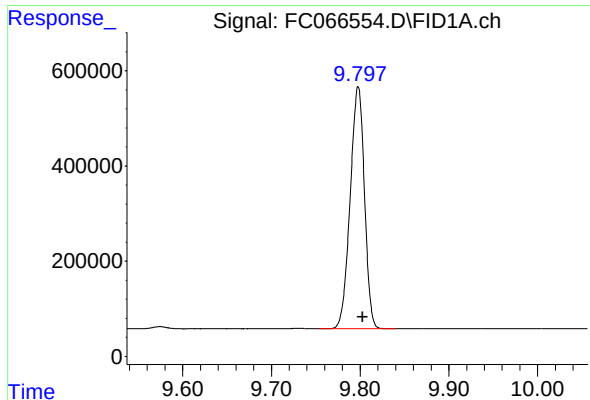
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 4662800
Conc: 32.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.005 min
Response: 5149359
Conc: 36.48 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.005 min
Response: 5692857
Conc: 39.61 ug/ml

Instrument :

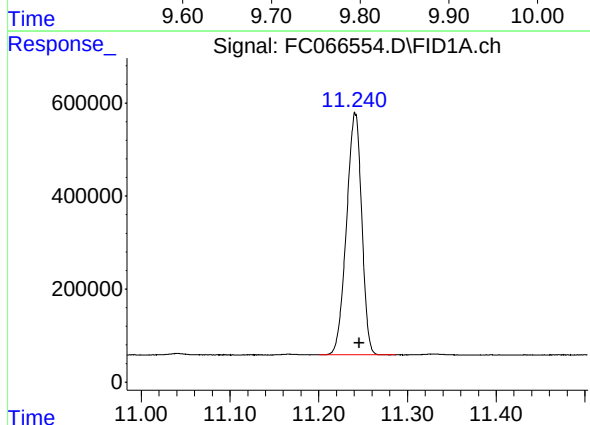
FID_C

ClientSampleId :

PB161384BS

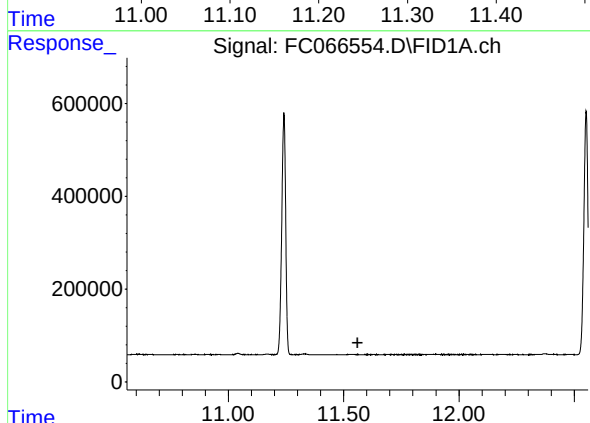
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



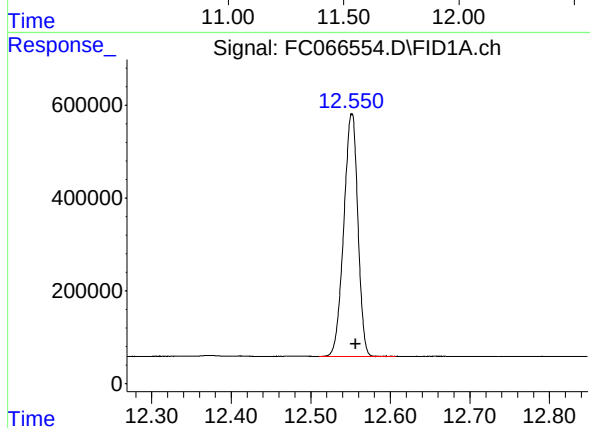
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 6199648
Conc: 43.32 ug/ml



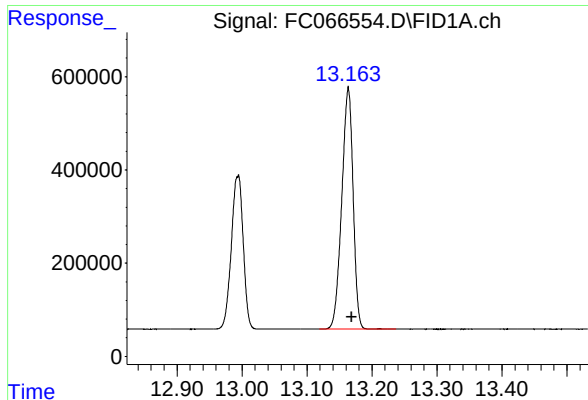
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.005 min
Response: 6445203
Conc: 47.37 ug/ml



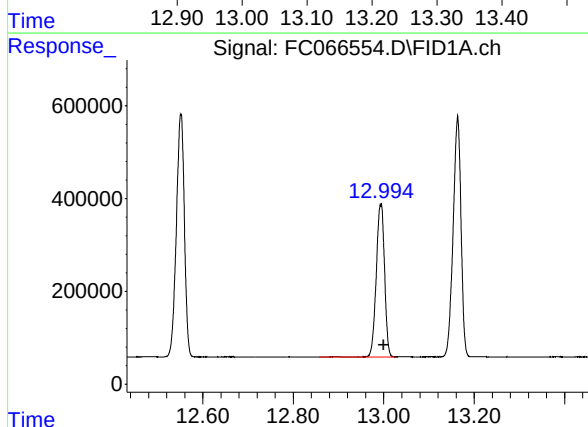
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.005 min
Response: 6281152
Conc: 47.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161384BS

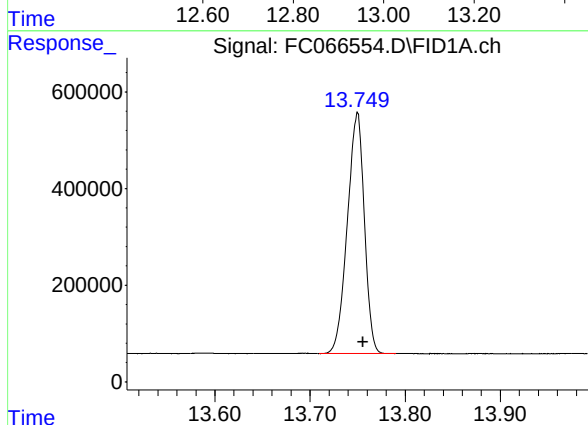
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



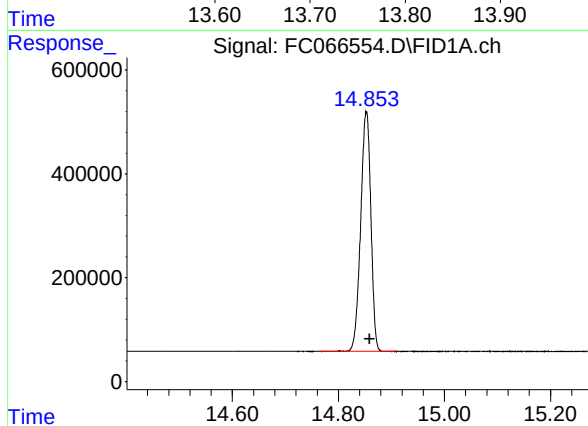
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.007 min
Response: 4179436
Conc: 36.58 ug/ml



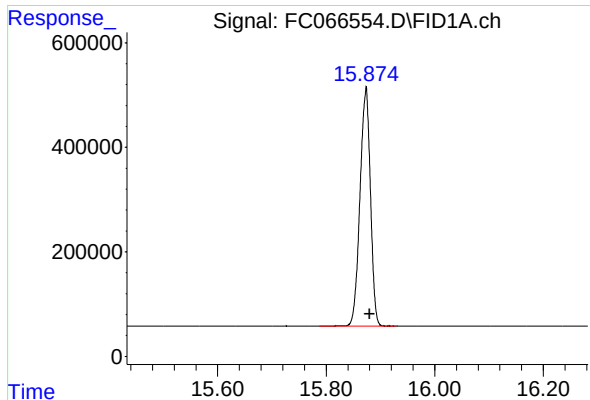
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.006 min
Response: 6242440
Conc: 47.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.006 min
Response: 6183310
Conc: 47.50 ug/ml



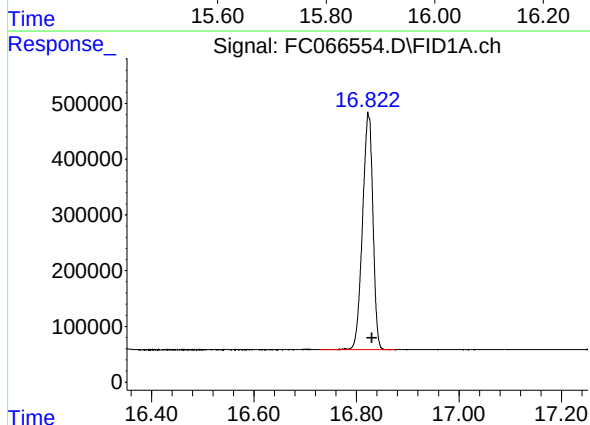
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 6081302
Conc: 47.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161384BS

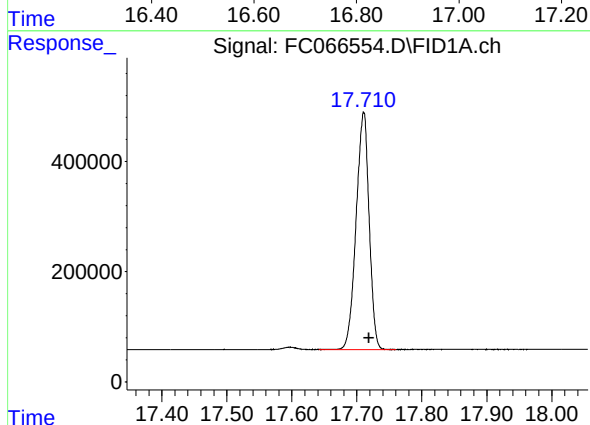
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



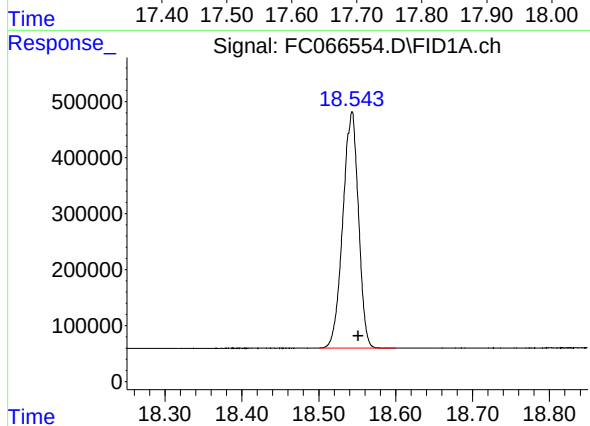
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.007 min
Response: 5973752
Conc: 48.12 ug/ml



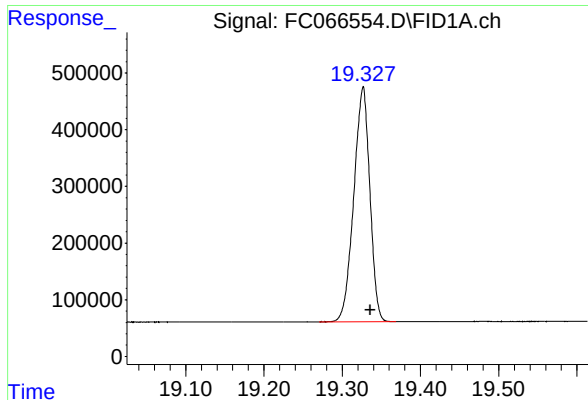
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.009 min
Response: 5992178
Conc: 47.55 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.009 min
Response: 5962724
Conc: 48.45 ug/ml



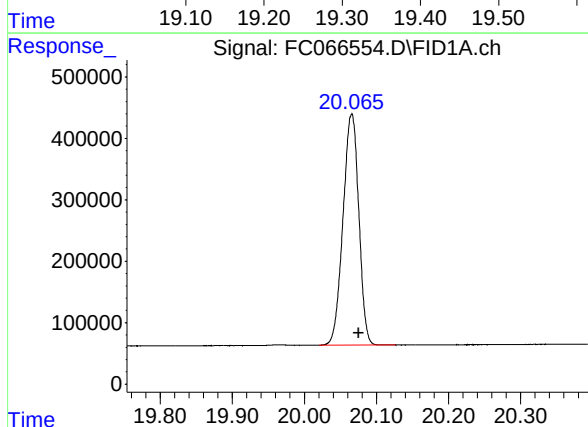
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 5912457
Conc: 49.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161384BS

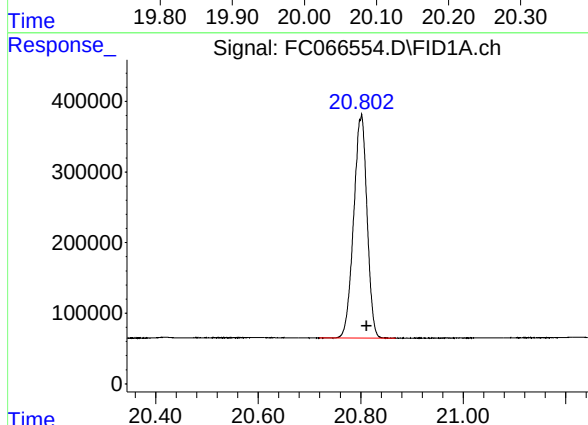
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



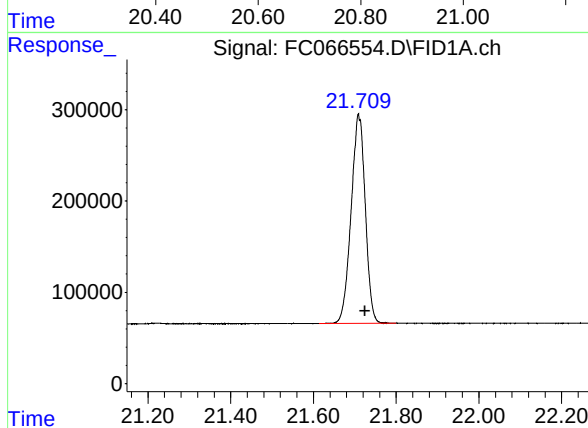
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.010 min
Response: 5734869
Conc: 47.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.011 min
Response: 5724790
Conc: 49.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.015 min
Response: 5438718
Conc: 44.40 ug/ml