

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067300.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 15:57
 Operator : YP/AJ
 Sample : PB163740BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163740BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e

Quant Time: Sep 28 01:57:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)	11.501	5609778	40.287 ug/ml
Spiked Amount 50.000		Recovery =	80.57%
12) S 1-chlorooctadecane (S...	12.940	4247539	43.482 ug/ml
Spiked Amount 50.000		Recovery =	86.96%
Target Compounds			
1) T n-Nonane (C9)	3.288	6491591	48.939 ug/ml
2) T n-Decane (C10)	4.347	7001012	52.127 ug/ml
3) T A~Naphthalene (C11.7)	5.919	7411262	52.146 ug/ml
4) T n-Dodecane (C12)	6.358	7056594	52.718 ug/ml
5) T A~2-methylnaphthalene...	6.974	6669158	49.943 ug/ml
6) T n-Tetradecane (C14)	8.152	7252816	56.278 ug/ml
7) T n-Hexadecane (C16)	9.750	7112889	55.170 ug/ml
8) T n-Octadecane (C18)	11.190	7021257	54.878 ug/ml
10) T n-Eicosane (C20)	12.500	6859264	57.106 ug/ml
11) T n-Heneicosane (C21)	13.109	6504662	55.694 ug/ml
13) T n-Docosane (C22)	13.694	6366738	55.142 ug/ml
14) T n-Tetracosane (C24)	14.796	12116853	106.698 ug/mlm
15) T n-Hexacosane (C26)	15.818	6076661	54.829 ug/ml
16) T n-Octacosane (C28)	16.764	5849034	54.148 ug/ml
17) T n-Tricontane (C30)	17.652	5988079	55.051 ug/ml
18) T n-Dotriacontane (C32)	18.481	5912343	56.683 ug/mlm
19) T n-Tetratriacontane (C34)	19.265	5722259	62.024 ug/ml
20) T n-Hexatriacontane (C36)	20.003	5278075	66.602 ug/ml
21) T n-Octatriacontane (C38)	20.727	4961513	66.051 ug/ml
22) T n-Tetracontane (C40)	21.614	4288059	61.377 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
Data File : FC067300.D
Signal(s) : FID1A.ch
Acq On : 27 Sep 2024 15:57
Operator : YP/AJ
Sample : PB163740BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

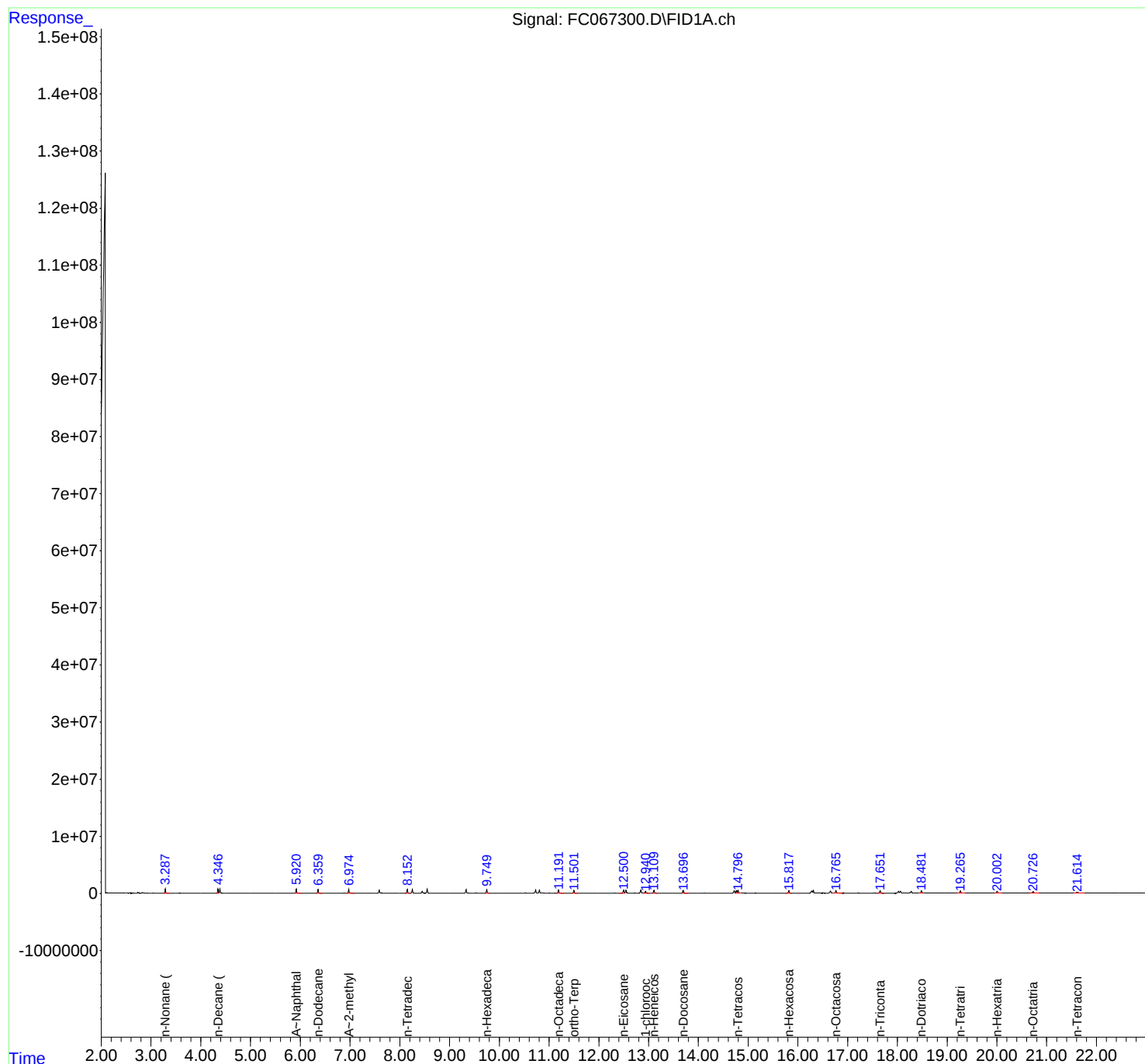
Instrument :
FID_C
ClientSampleId :
PB163740BS

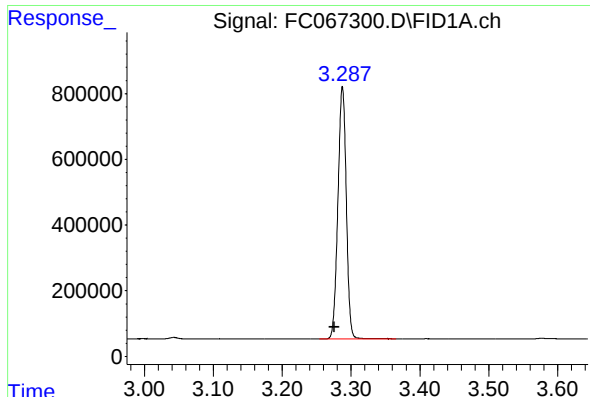
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
Quant Time: Sep 28 01:57:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Wed Sep 11 02:55:44 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.: 0.012 min
Response: 6491591
Conc: 48.94 ug/ml

Instrument :

FID_C

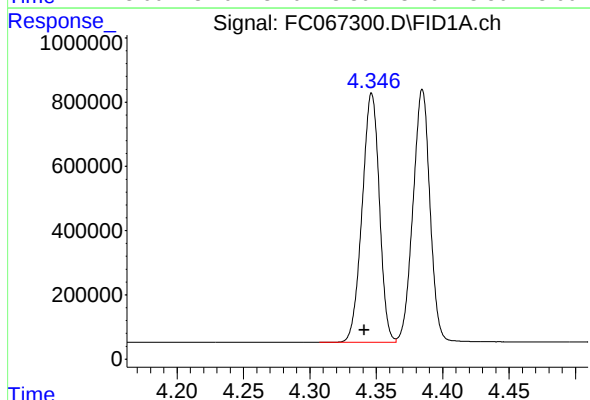
ClientSampleId :

PB163740BS

Manual Integrations

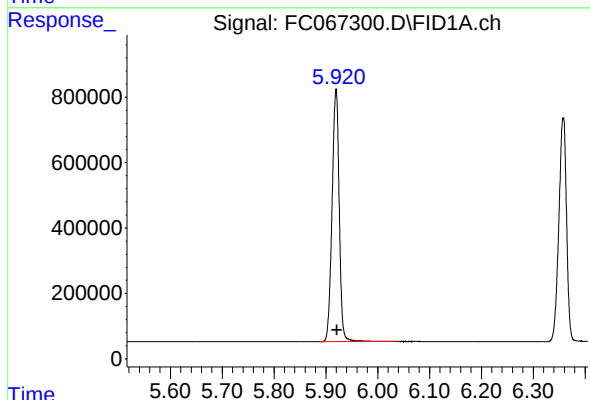
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



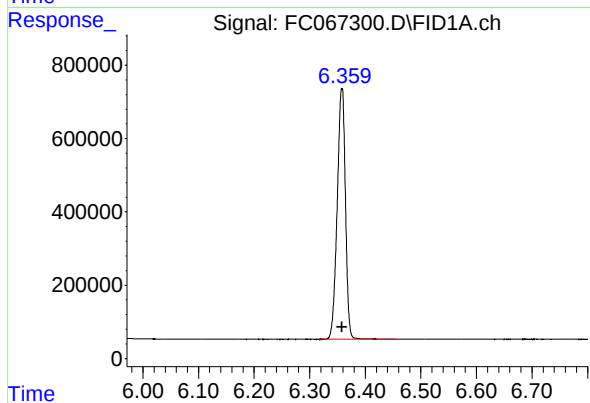
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.006 min
Response: 7001012
Conc: 52.13 ug/ml



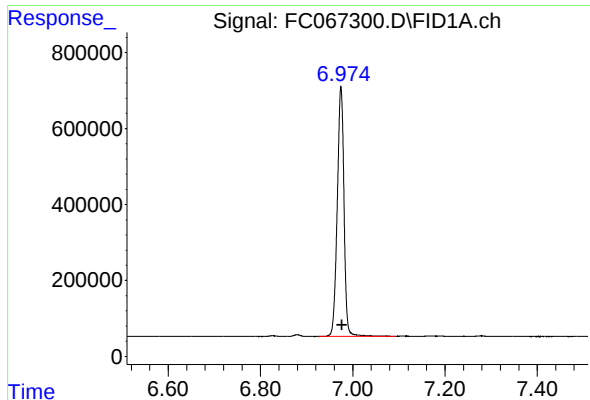
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 7411262
Conc: 52.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 7056594
Conc: 52.72 ug/ml



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

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 6669158
Conc: 49.94 ug/ml

Instrument :

FID_C

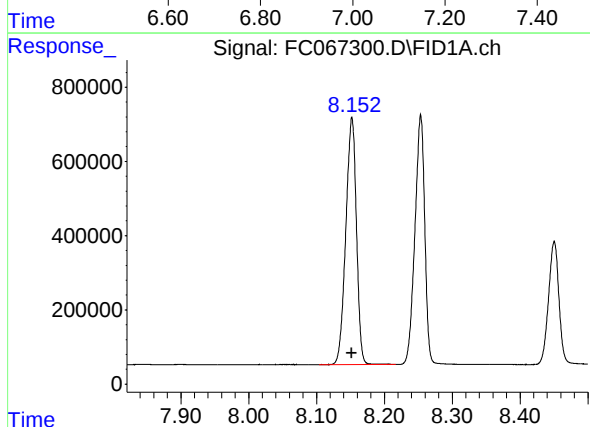
ClientSampleId :

PB163740BS

Manual Integrations

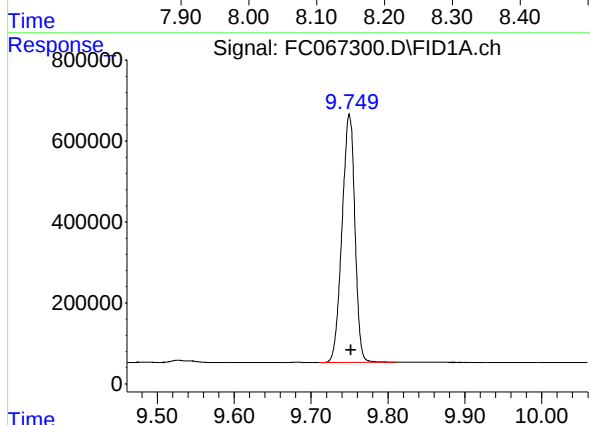
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



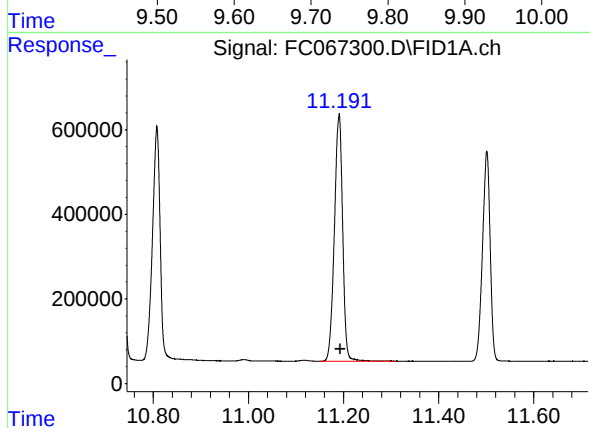
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 7252816
Conc: 56.28 ug/ml



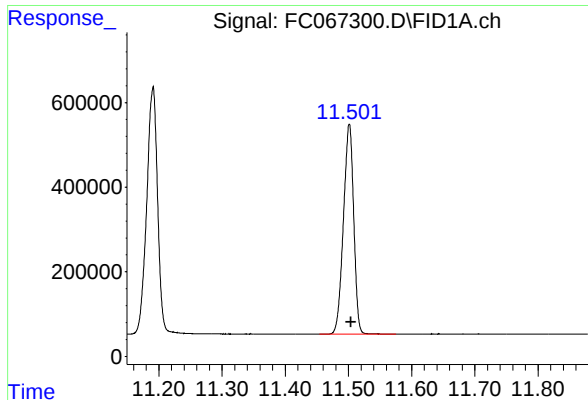
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 7112889
Conc: 55.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 7021257
Conc: 54.88 ug/ml



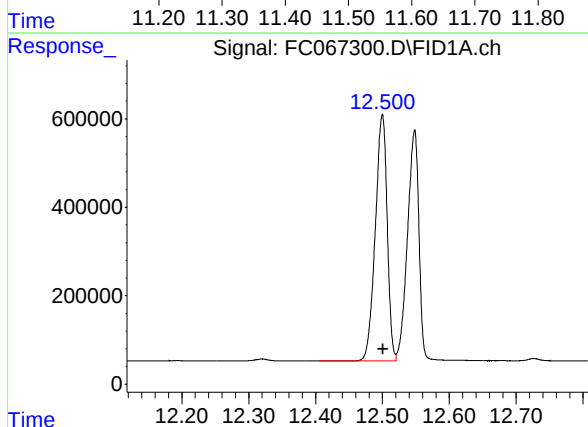
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.003 min
Response: 5609778
Conc: 40.29 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163740BS

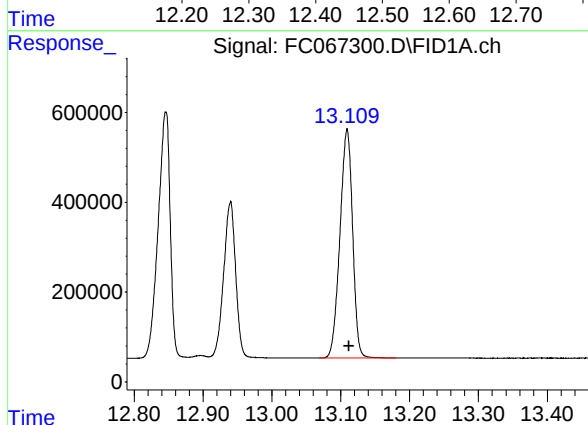
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



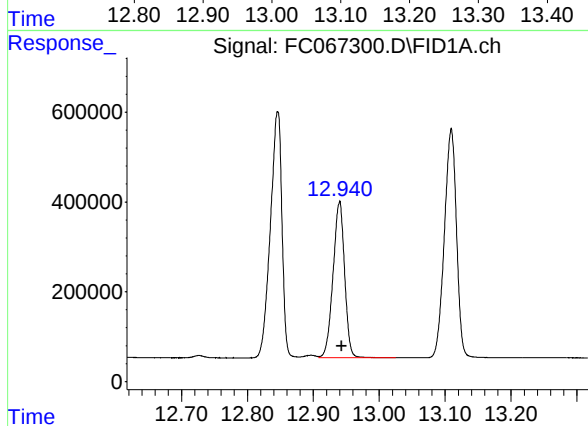
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.001 min
Response: 6859264
Conc: 57.11 ug/ml



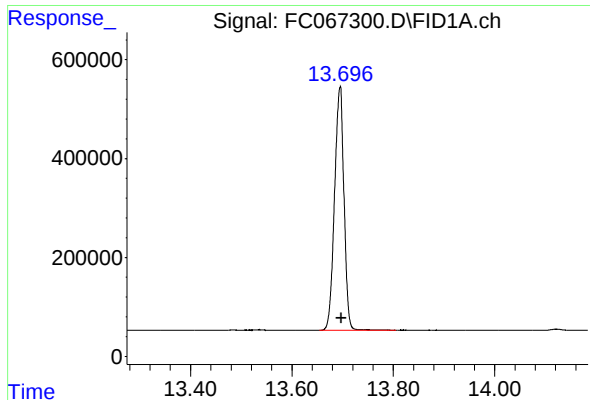
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.002 min
Response: 6504662
Conc: 55.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.004 min
Response: 4247539
Conc: 43.48 ug/ml



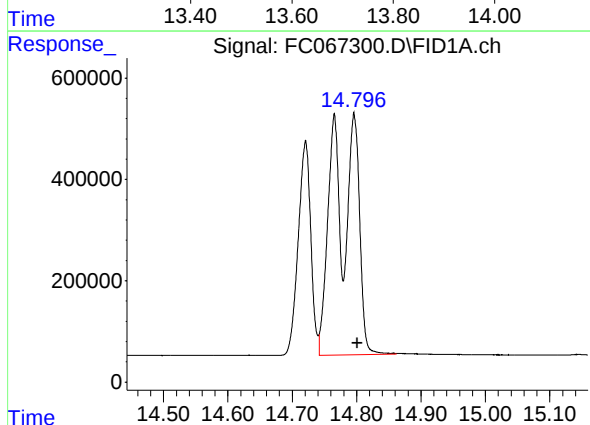
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: -0.003 min
Response: 6366738
Conc: 55.14 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163740BS

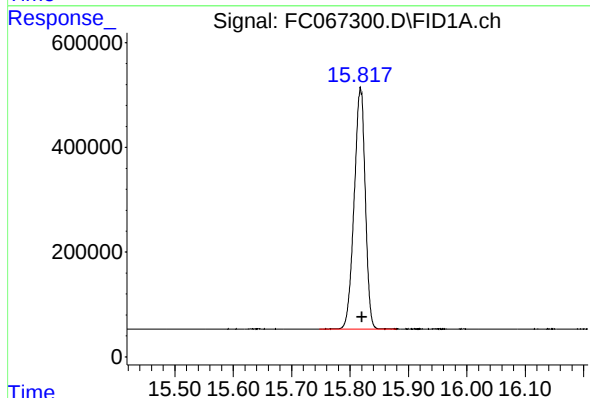
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



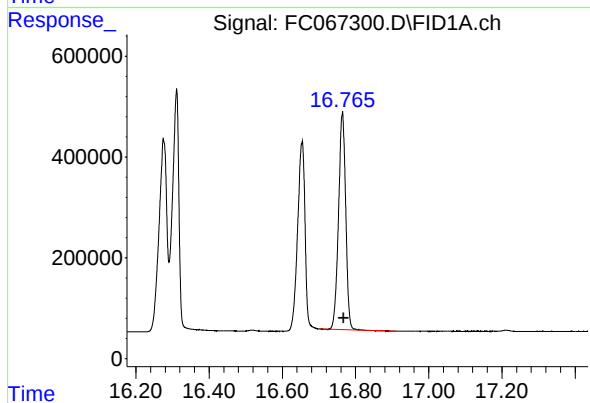
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.005 min
Response: 12116853
Conc: 106.70 ug/ml m



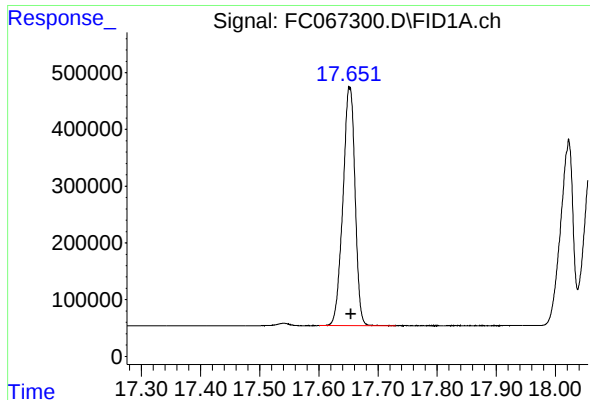
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.003 min
Response: 6076661
Conc: 54.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 5849034
Conc: 54.15 ug/ml



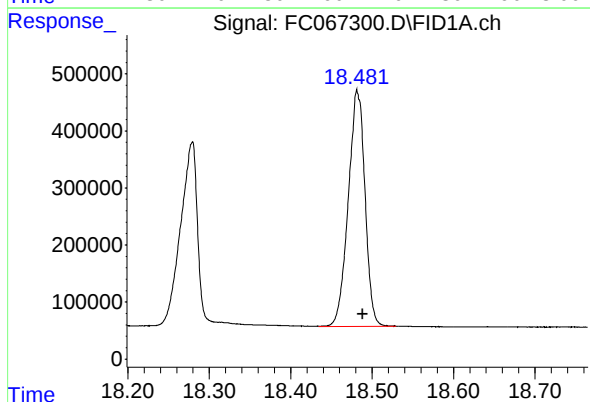
#17 n-Tricontane (C30)

R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 5988079
Conc: 55.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163740BS

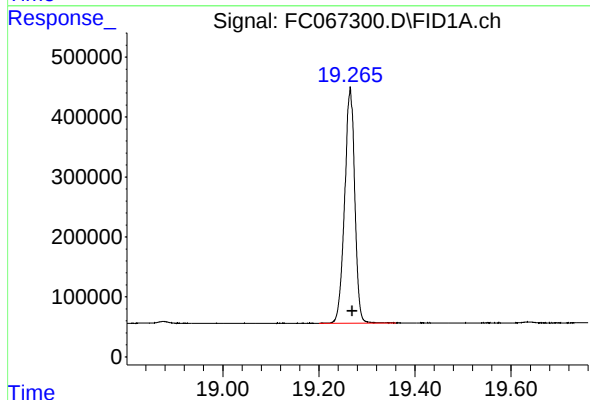
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



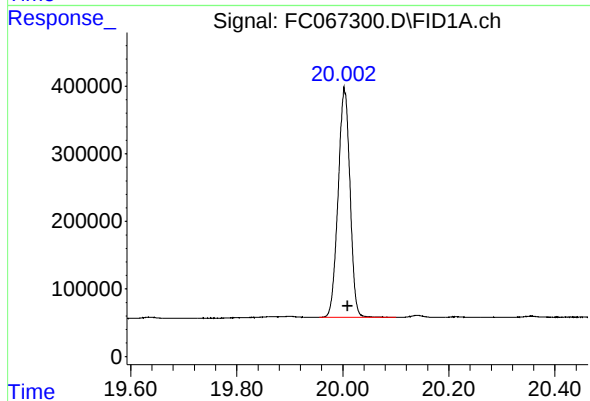
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: -0.007 min
Response: 5912343
Conc: 56.68 ug/ml m



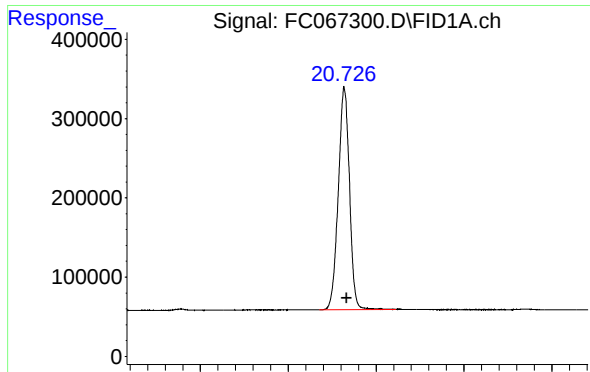
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.005 min
Response: 5722259
Conc: 62.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.006 min
Response: 5278075
Conc: 66.60 ug/ml



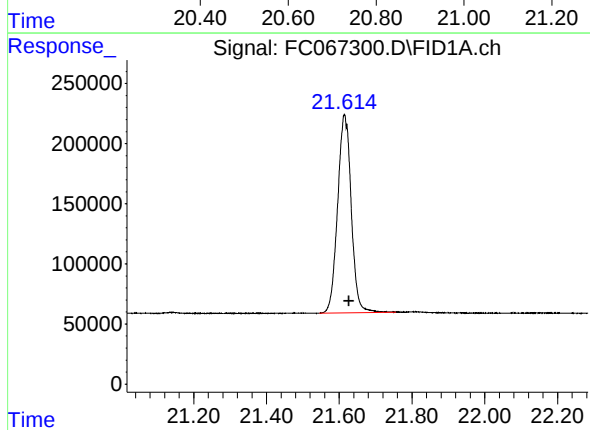
#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.006 min
Response: 4961513
Conc: 66.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163740BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.013 min
Response: 4288059
Conc: 61.38 ug/ml m