

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067916.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 14:52
 Operator : YP/AJ
 Sample : PB165385BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165385BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/09/2024

Supervised By :Ankita Jodhani 12/09/2024

Integration File: sample.E

Quant Time: Dec 06 00:17:40 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

Qlast Update : Thu Nov 14 14:13:15 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)	11.477	6311102	32.552 ug/ml
Spiked Amount 50.000		Recovery =	65.10%
12) S 1-chlorooctadecane (S...	12.916	5051086	34.796 ug/ml
Spiked Amount 50.000		Recovery =	69.59%
Target Compounds			
1) T n-Nonane (C9)	3.265	6035753	37.003 ug/ml
2) T n-Decane (C10)	4.322	6332088	38.184 ug/ml
3) T A~Naphthalene (C11.7)	5.894	7155958	39.070 ug/ml
4) T n-Dodecane (C12)	6.333	6534713	38.798 ug/ml
5) T A~2-methylnaphthalene...	6.949	6592774	37.173 ug/ml
6) T n-Tetradecane (C14)	8.127	6645378	39.681 ug/ml
7) T n-Hexadecane (C16)	9.725	6556978	37.837 ug/ml
8) T n-Octadecane (C18)	11.166	6469552	36.771 ug/ml
10) T n-Eicosane (C20)	12.475	6399341	38.004 ug/ml
11) T n-Heneicosane (C21)	13.085	6061228	36.838 ug/ml
13) T n-Docosane (C22)	13.671	5954870	36.566 ug/ml
14) T n-Tetracosane (C24)	14.741	11622974	72.471 ug/mlm
15) T n-Hexacosane (C26)	15.793	5562849	35.921 ug/ml
16) T n-Octacosane (C28)	16.740	5428814	35.947 ug/ml
17) T n-Tricontane (C30)	17.629	5362620	35.025 ug/ml
18) T n-Dotriacontane (C32)	18.459	5093025	34.484 ug/ml
19) T n-Tetratriacontane (C34)	19.240	4523533	35.864 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3623886	34.649 ug/mlm
21) T n-Octatriacontane (C38)	20.699	2900342	29.691 ug/ml
22) T n-Tetracontane (C40)	21.580	2485982	25.506 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
Data File : FC067916.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2024 14:52
Operator : YP/AJ
Sample : PB165385BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

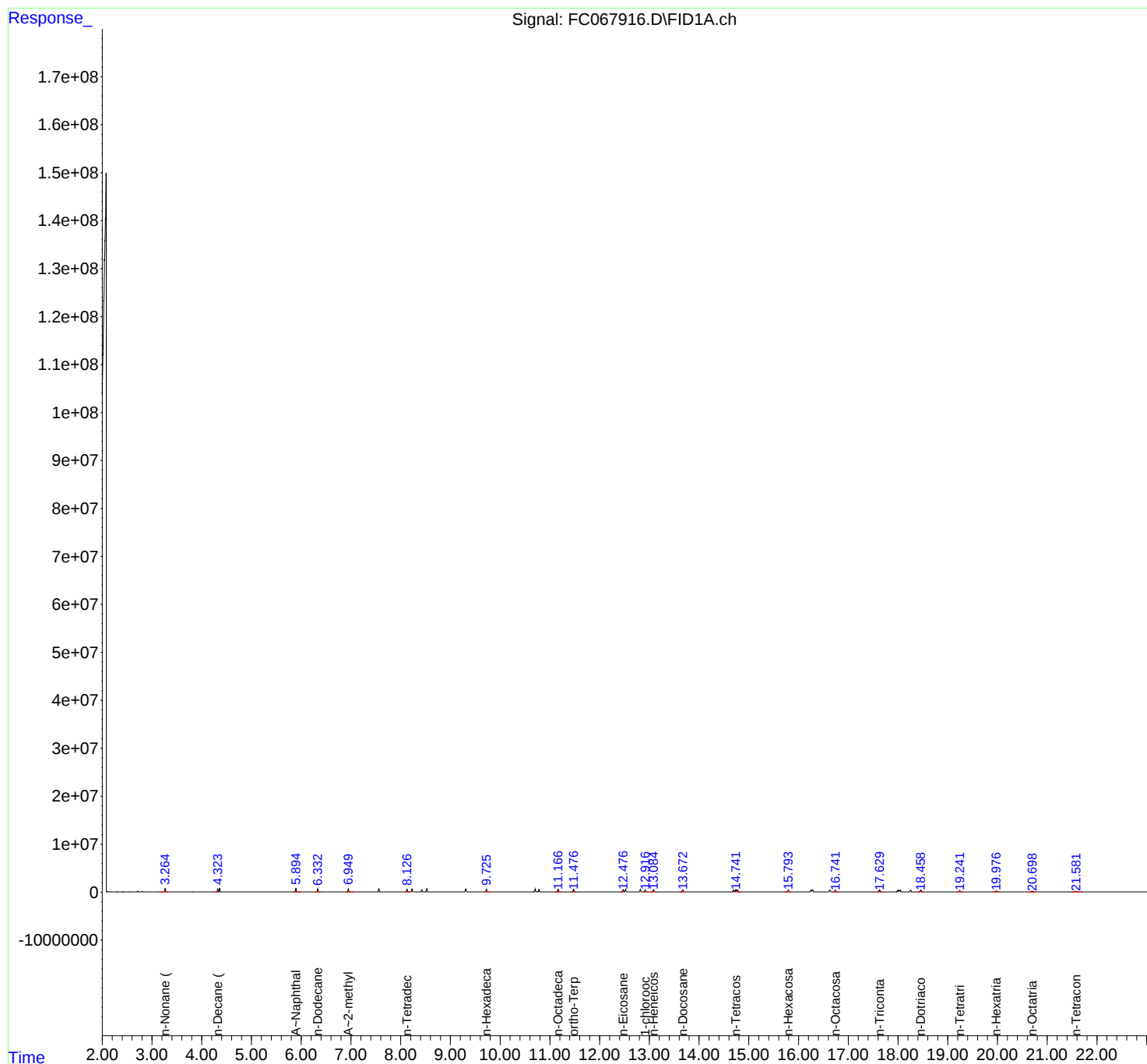
Instrument :
FID_C
ClientSampleId :
PB165385BS

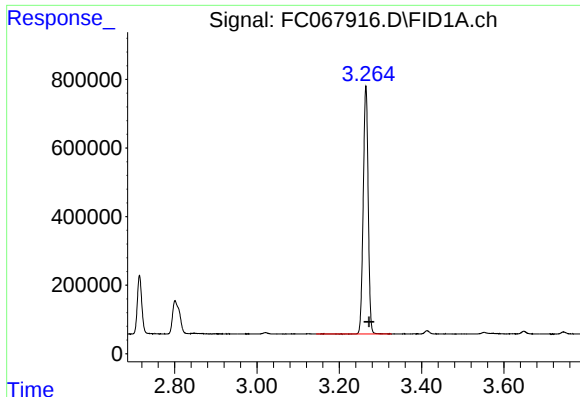
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :Ankita Jodhani 12/09/2024

Integration File: sample.E
Quant Time: Dec 06 00:17:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





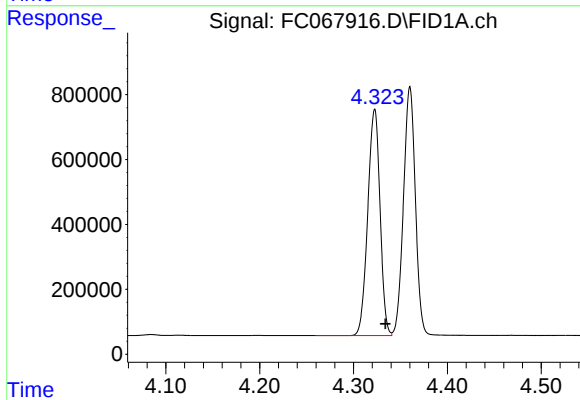
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.007 min
Response: 6035753
Conc: 37.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165385BS

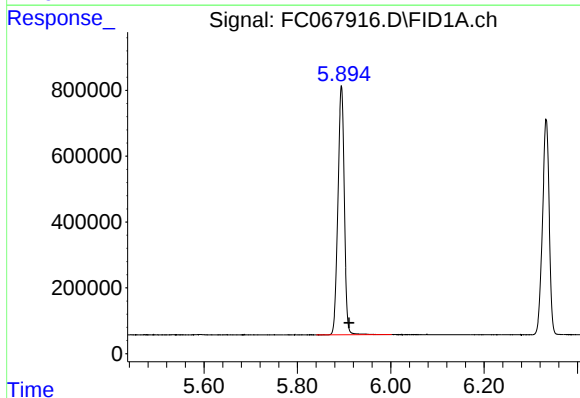
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :Ankita Jodhani 12/09/2024



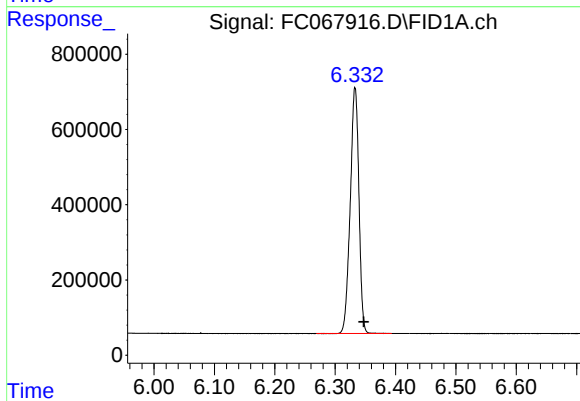
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.012 min
Response: 6332088
Conc: 38.18 ug/ml



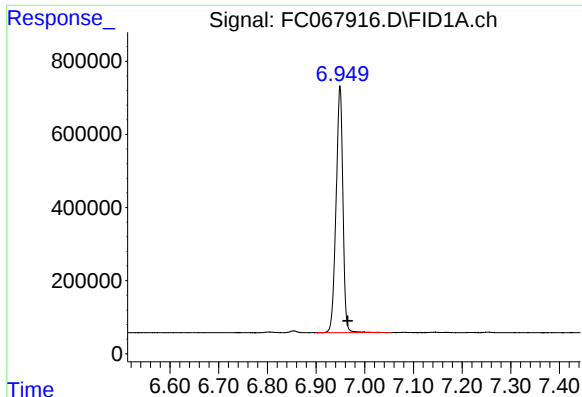
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.017 min
Response: 7155958
Conc: 39.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: -0.014 min
Response: 6534713
Conc: 38.80 ug/ml



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

R.T.: 6.949 min
Delta R.T.: -0.016 min
Response: 6592774
Conc: 37.17 ug/ml

Instrument :

FID_C

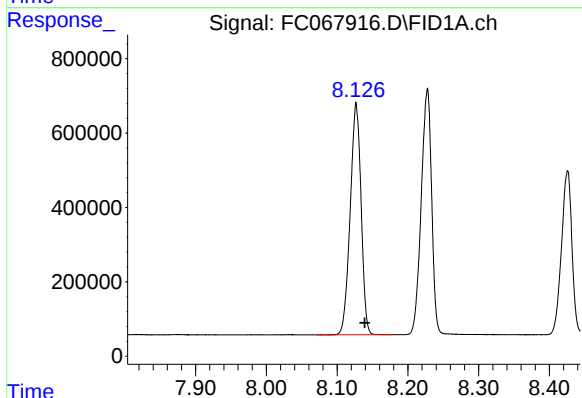
ClientSampleId :

PB165385BS

Manual Integrations

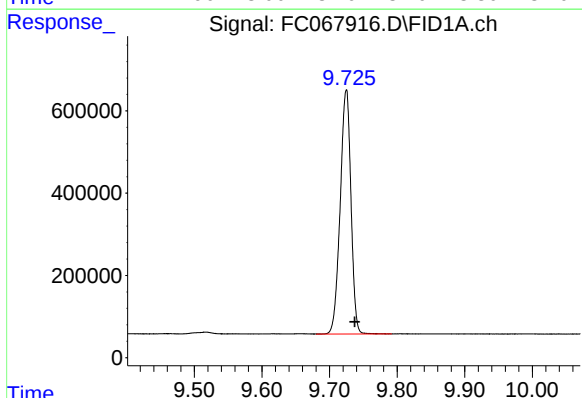
APPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :Ankita Jodhani 12/09/2024



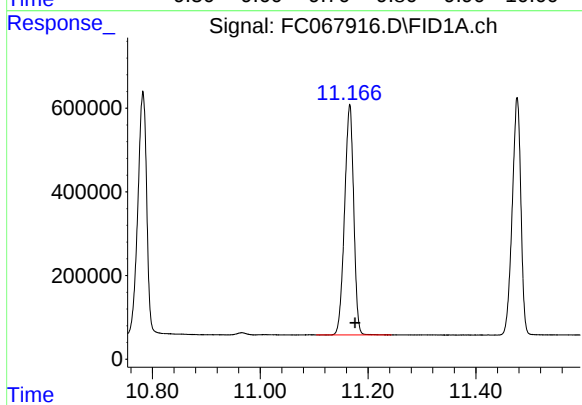
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 6645378
Conc: 39.68 ug/ml



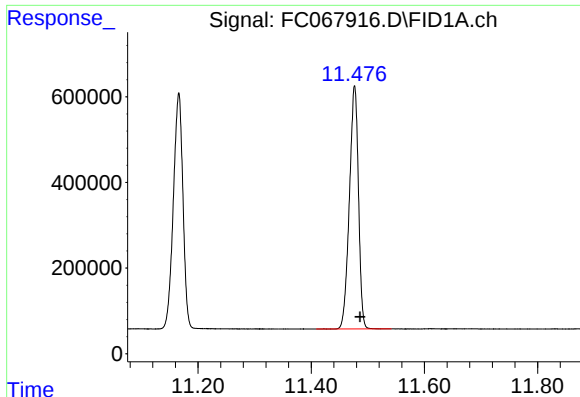
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.013 min
Response: 6556978
Conc: 37.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.166 min
Delta R.T.: -0.010 min
Response: 6469552
Conc: 36.77 ug/ml



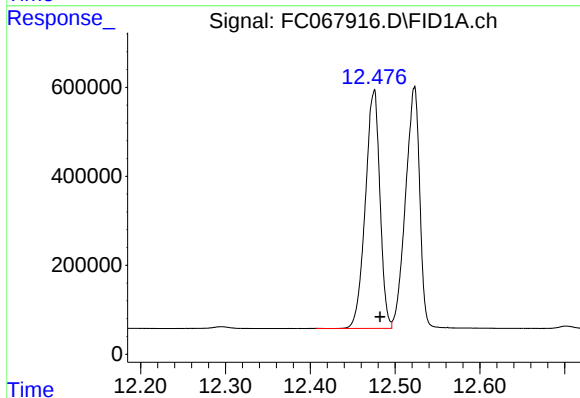
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.010 min
Response: 6311102
Conc: 32.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165385BS

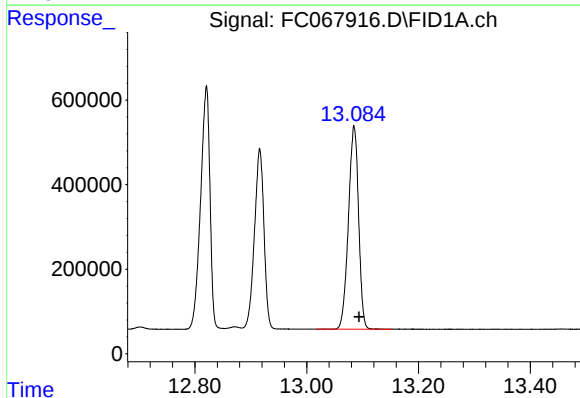
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :Ankita Jodhani 12/09/2024



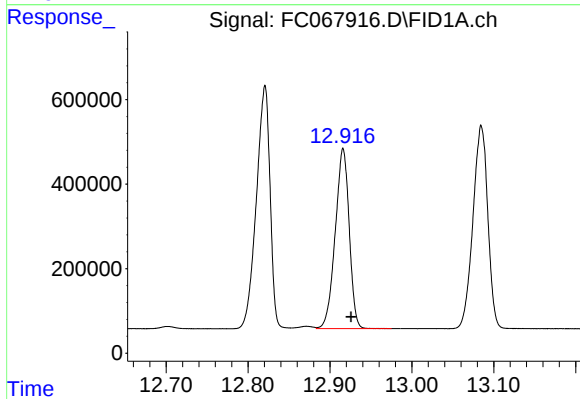
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.008 min
Response: 6399341
Conc: 38.00 ug/ml



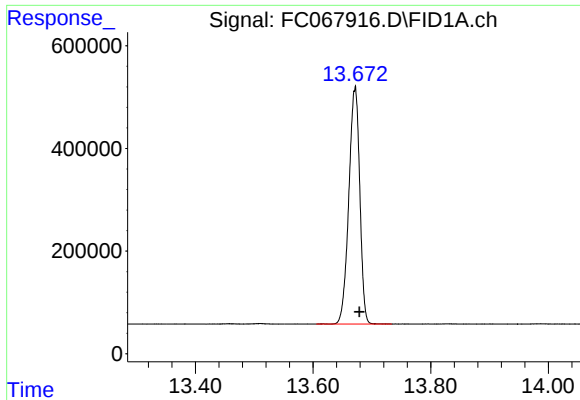
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.009 min
Response: 6061228
Conc: 36.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.010 min
Response: 5051086
Conc: 34.80 ug/ml



#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: -0.007 min
Response: 5954870
Conc: 36.57 ug/ml

Instrument :

FID_C

ClientSampleId :

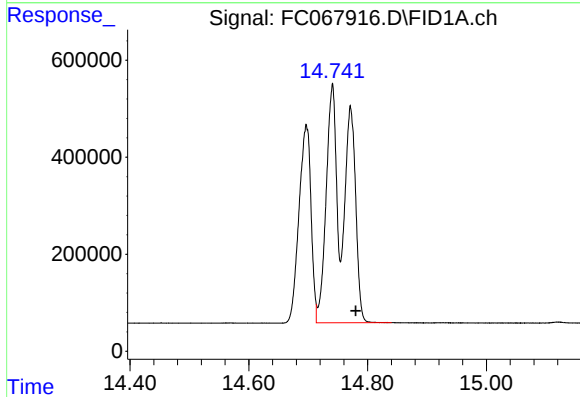
PB165385BS

Manual Integrations

APPROVED

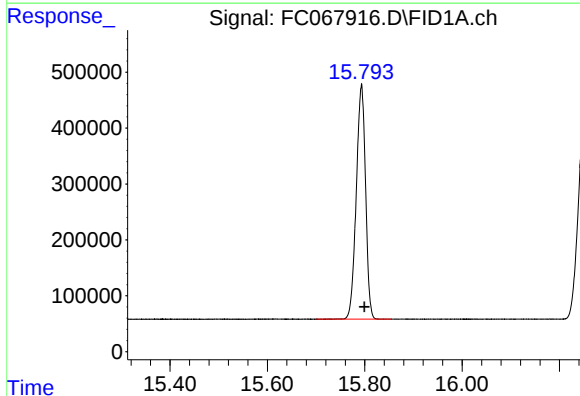
Reviewed By :Yogesh Patel 12/09/2024

Supervised By :Ankita Jodhani 12/09/2024



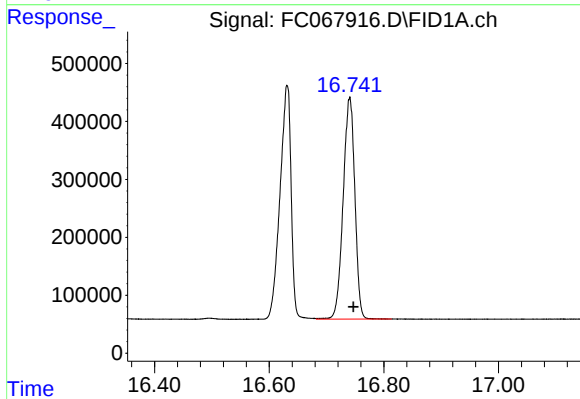
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.039 min
Response: 11622974
Conc: 72.47 ug/ml m



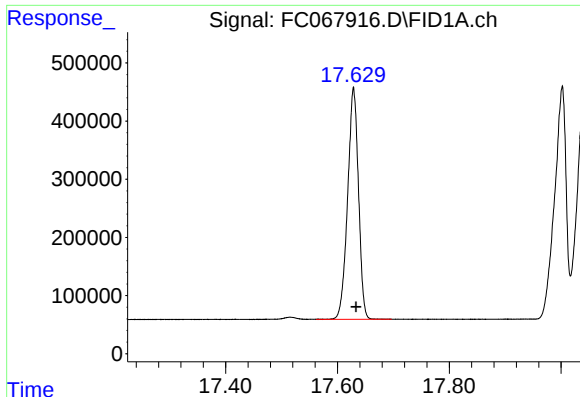
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.006 min
Response: 5562849
Conc: 35.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.006 min
Response: 5428814
Conc: 35.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.629 min
Delta R.T.: -0.004 min
Response: 5362620
Conc: 35.02 ug/ml

Instrument :

FID_C

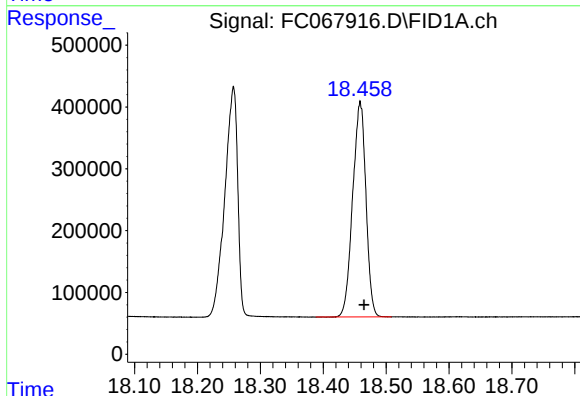
ClientSampleId :

PB165385BS

Manual Integrations

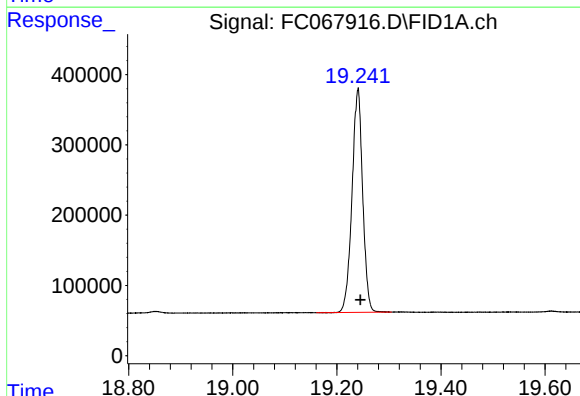
APPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :Ankita Jodhani 12/09/2024



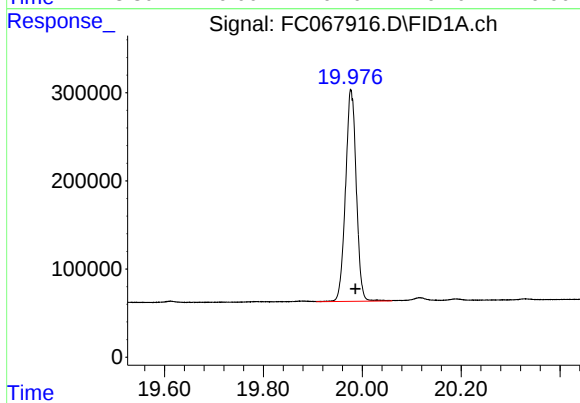
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: -0.006 min
Response: 5093025
Conc: 34.48 ug/ml



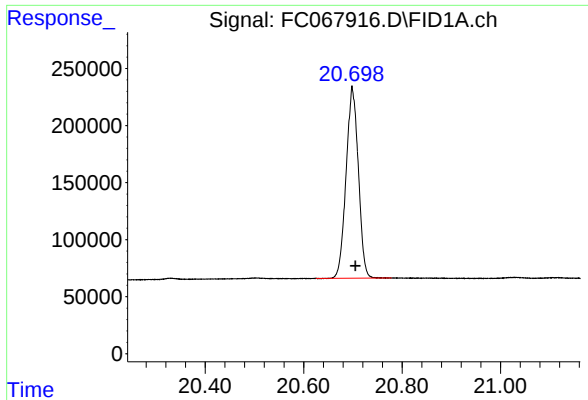
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.005 min
Response: 4523533
Conc: 35.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.010 min
Response: 3623886
Conc: 34.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.006 min
Response: 2900342
Conc: 29.69 ug/ml

Instrument :

FID_C

ClientSampleId :

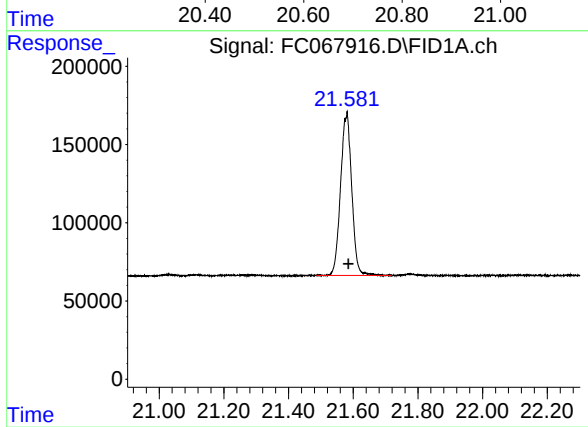
PB165385BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/09/2024

Supervised By :Ankita Jodhani 12/09/2024



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.006 min
Response: 2485982
Conc: 25.51 ug/ml