

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063337.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 18:19
 Operator : YP/AJ
 Sample : 02230-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-01-040623MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 05:50:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.535	3919794	25.763 ug/ml
Spiked Amount 50.000		Recovery =	51.53%
12) S 1-chlorooctadecane (S...	12.972	3327011	30.069 ug/ml
Spiked Amount 50.000		Recovery =	60.14%
Target Compounds			
1) T n-Nonane (C9)	3.302	3393373	24.170 ug/ml
2) T n-Decane (C10)	4.368	3846588	28.227 ug/ml
3) T A~Naphthalene (C11.7)	5.950	4249833	28.144 ug/ml
4) T n-Dodecane (C12)	6.385	4184266	31.104 ug/ml
5) T A~2-methylnaphthalene...	7.007	4241959	30.456 ug/ml
6) T n-Tetradecane (C14)	8.181	4481043	33.101 ug/ml
7) T n-Hexadecane (C16)	9.781	4923451	36.256 ug/ml
8) T n-Octadecane (C18)	11.222	5009708	36.168 ug/ml
10) T n-Eicosane (C20)	12.529	5061671	37.675 ug/ml
11) T n-Heneicosane (C21)	13.141	4866740	36.160 ug/ml
13) T n-Docosane (C22)	13.726	4907623	36.801 ug/ml
14) T n-Tetracosane (C24)	14.828	4450015	33.097 ug/ml
15) T n-Hexacosane (C26)	15.849	4902218	36.624 ug/mlm
16) T n-Octacosane (C28)	16.796	5182650	38.276 ug/ml
17) T n-Tricontane (C30)	17.685	5378817	38.883 ug/ml
18) T n-Dotriacontane (C32)	18.515	5344699	37.858 ug/ml
19) T n-Tetratriacontane (C34)	19.297	5801219	42.037 ug/ml
20) T n-Hexatriacontane (C36)	20.036	4943353	38.675 ug/mlm
21) T n-Octatriacontane (C38)	20.768	4805087	39.024 ug/mlm
22) T n-Tetracontane (C40)	21.674	5533742	47.024 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
Data File : FC063337.D
Signal(s) : FID1A.ch
Acq On : 07 Apr 2023 18:19
Operator : YP/AJ
Sample : 02230-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

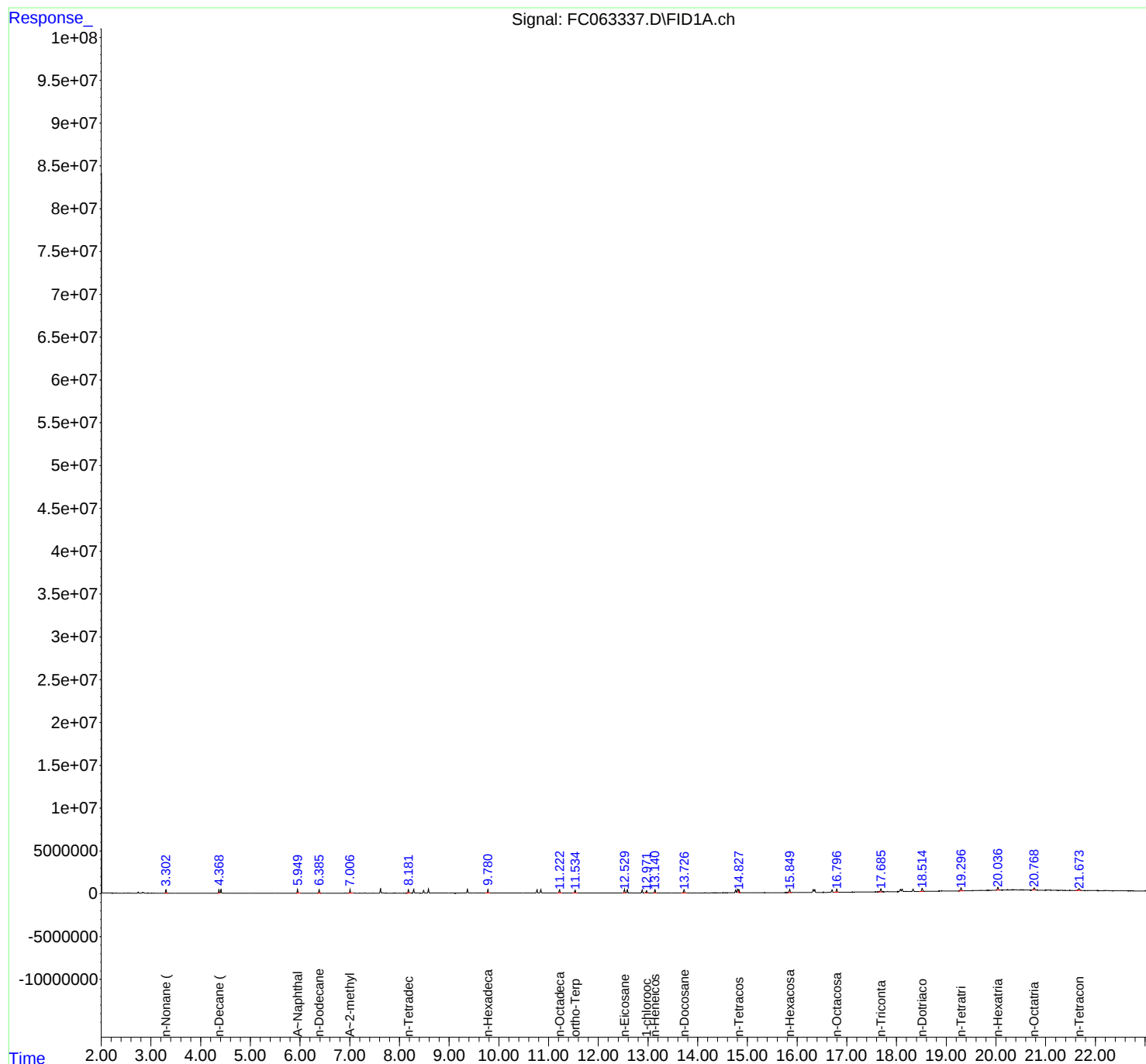
Instrument :
FID_C
ClientSampleId :
OK-01-040623MSD

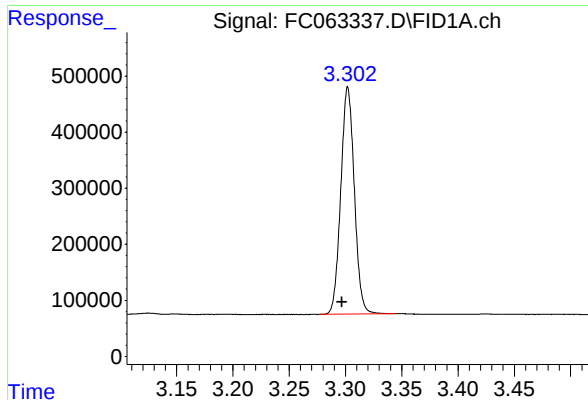
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
Quant Time: Apr 10 05:50:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 07:22:46 2023
Response via : Initial Calibration
Integrator: ChemStation

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





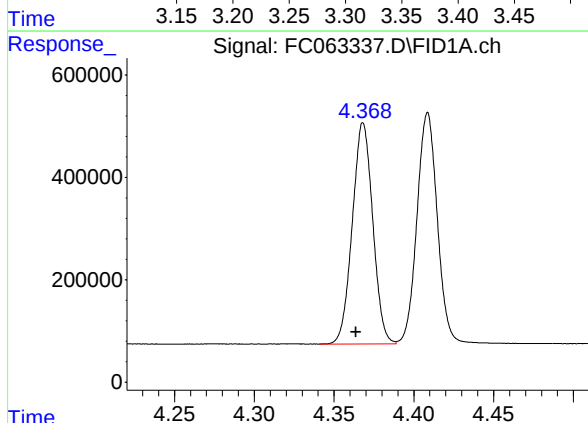
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 3393373
Conc: 24.17 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-040623MSD

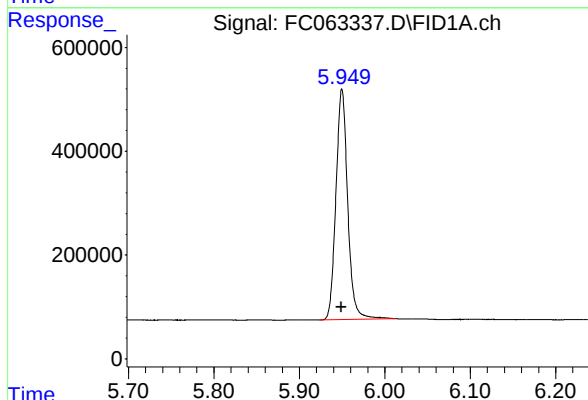
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



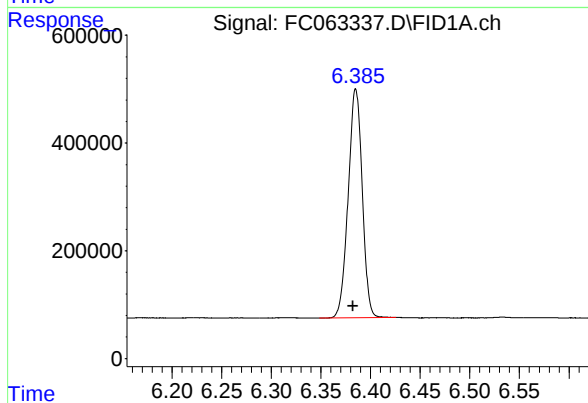
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.005 min
Response: 3846588
Conc: 28.23 ug/ml



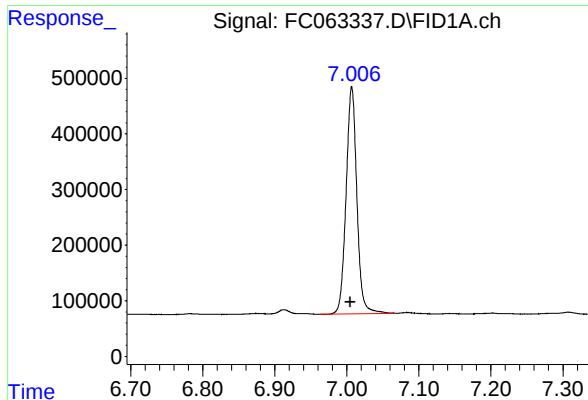
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 4249833
Conc: 28.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 4184266
Conc: 31.10 ug/ml



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

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 4241959
Conc: 30.46 ug/ml

Instrument :

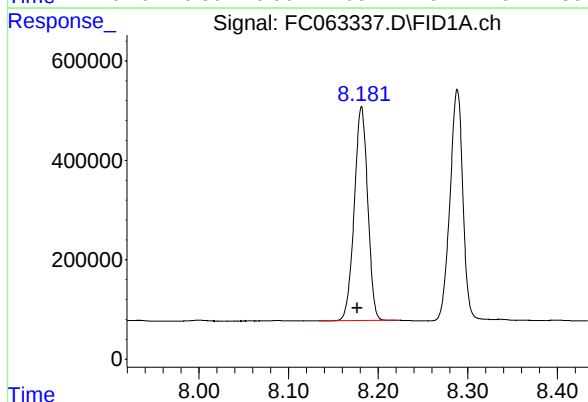
FID_C

ClientSampleId :

OK-01-040623MSD

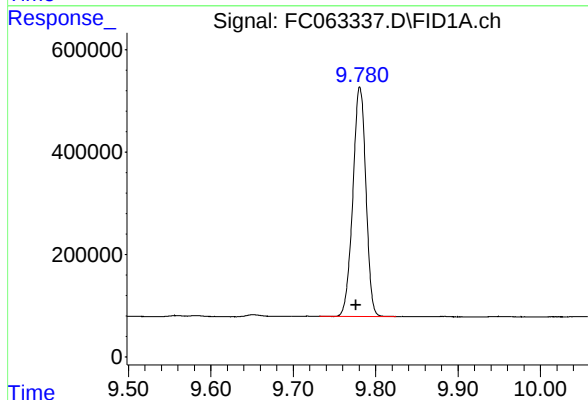
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



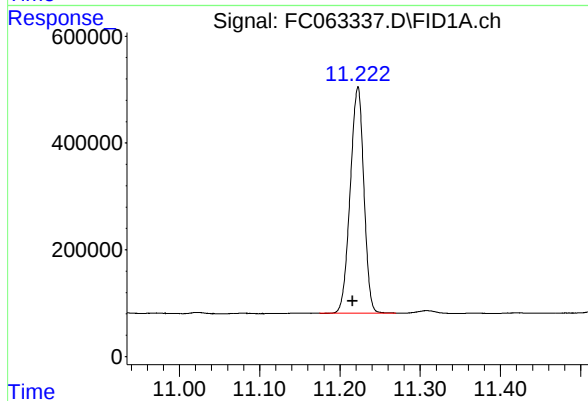
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.005 min
Response: 4481043
Conc: 33.10 ug/ml



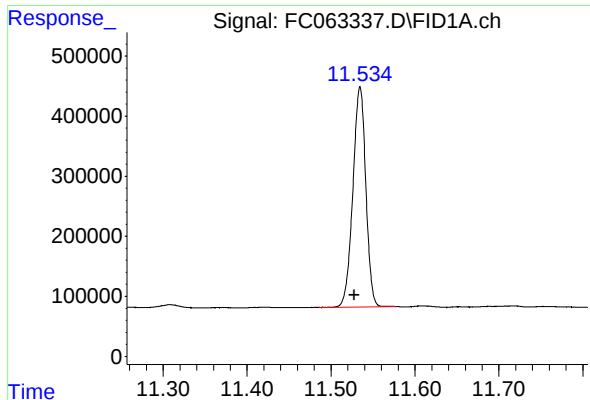
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.005 min
Response: 4923451
Conc: 36.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: 0.006 min
Response: 5009708
Conc: 36.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.007 min
Response: 3919794
Conc: 25.76 ug/ml

Instrument :

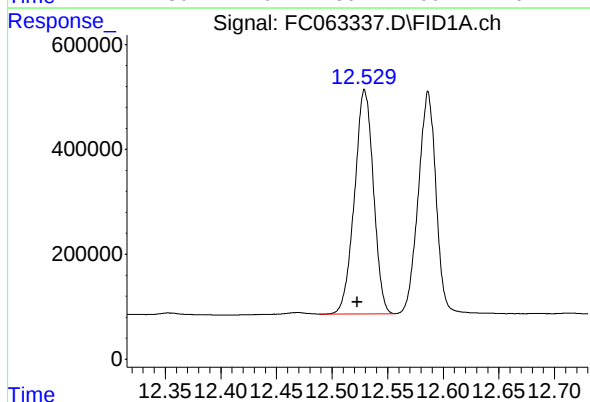
FID_C

ClientSampleId :

OK-01-040623MSD

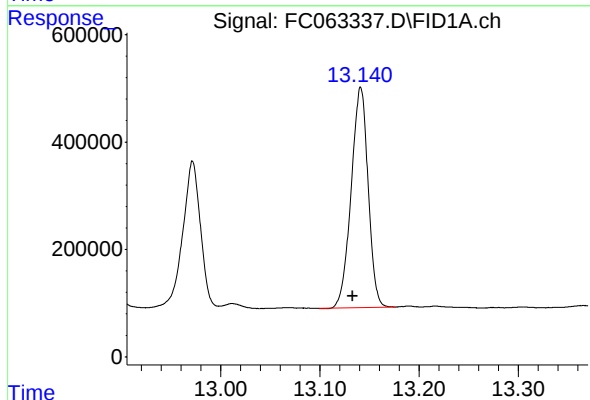
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



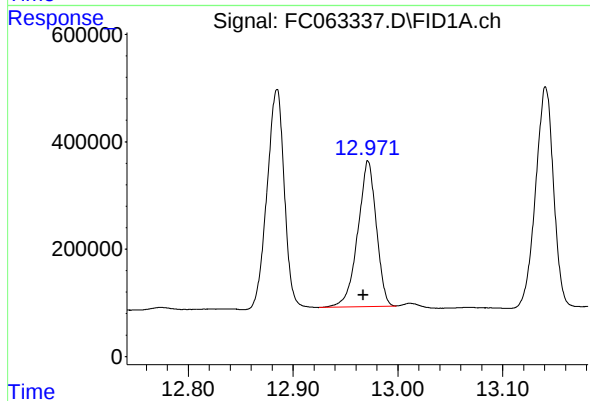
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.007 min
Response: 5061671
Conc: 37.68 ug/ml



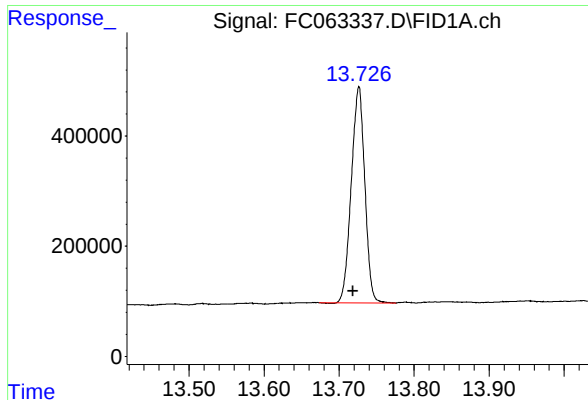
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: 0.008 min
Response: 4866740
Conc: 36.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.005 min
Response: 3327011
Conc: 30.07 ug/ml



#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: 0.008 min
Response: 4907623
Conc: 36.80 ug/ml

Instrument :

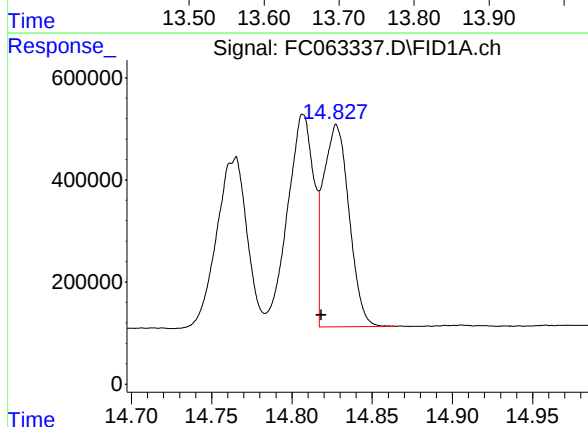
FID_C

ClientSampleId :

OK-01-040623MSD

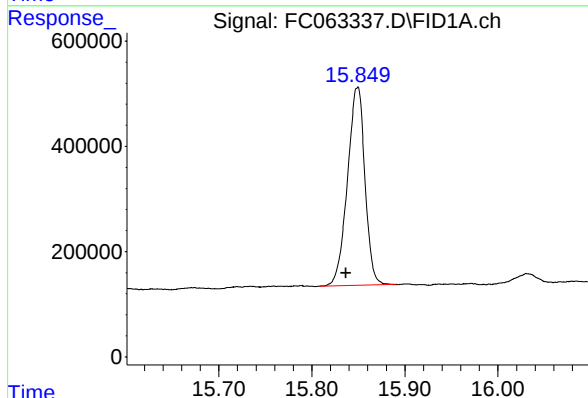
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



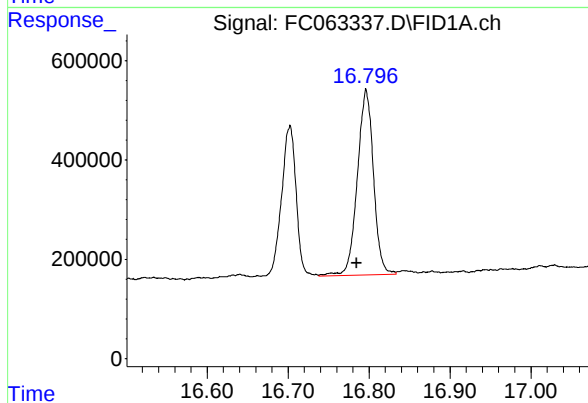
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: 0.009 min
Response: 4450015
Conc: 33.10 ug/ml



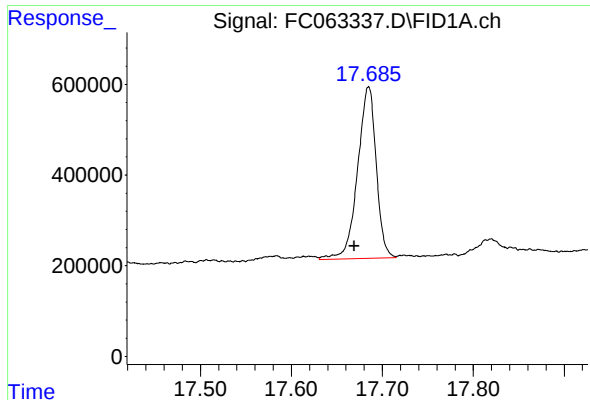
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: 0.013 min
Response: 4902218
Conc: 36.62 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: 0.012 min
Response: 5182650
Conc: 38.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: 0.016 min
Response: 5378817
Conc: 38.88 ug/ml

Instrument :

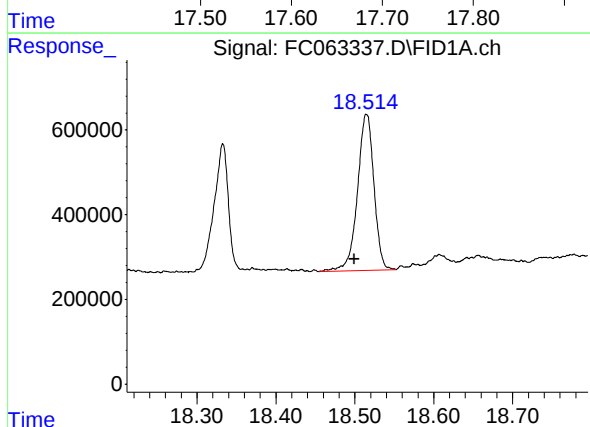
FID_C

ClientSampleId :

OK-01-040623MSD

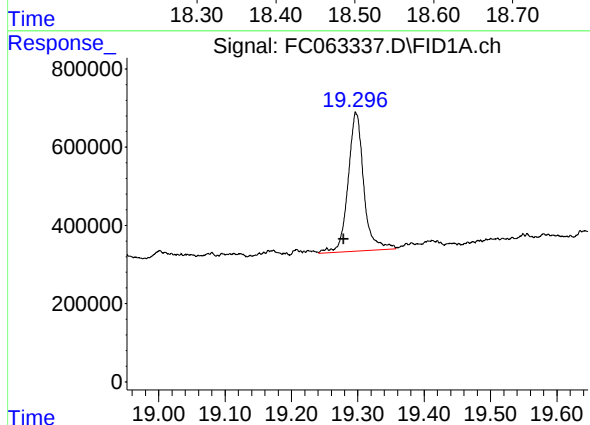
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



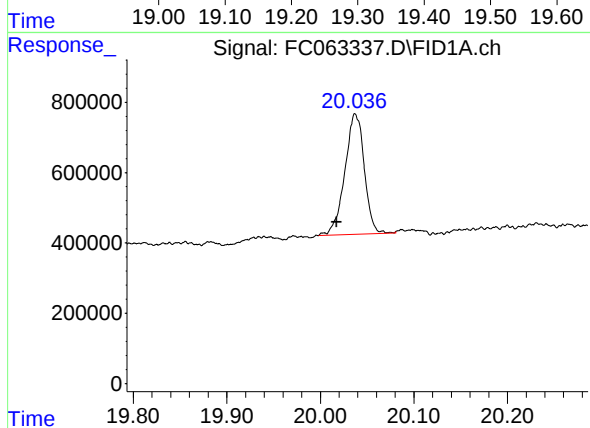
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: 0.016 min
Response: 5344699
Conc: 37.86 ug/ml



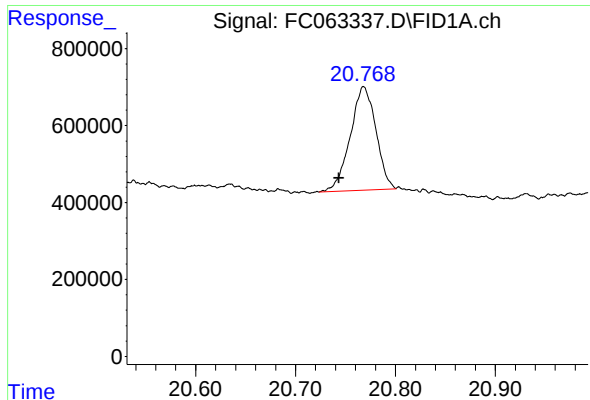
#19 n-Tetatriacontane (C34)

R.T.: 19.297 min
Delta R.T.: 0.019 min
Response: 5801219
Conc: 42.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: 0.019 min
Response: 4943353
Conc: 38.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: 0.024 min
Response: 4805087
Conc: 39.02 ug/ml

Instrument :

FID_C

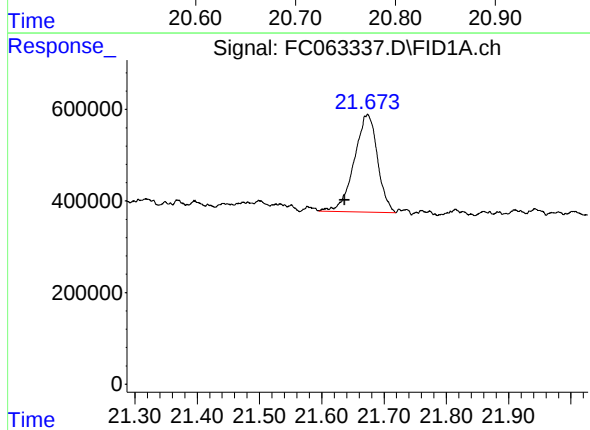
ClientSampleId :

OK-01-040623MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: 0.037 min
Response: 5533742
Conc: 47.02 ug/ml