

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014874.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 16:09
 Operator : YP\AJ
 Sample : PB165088BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB165088BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 20 00:37:08 2024

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

Quant Title : GC Extractables

QLast Update : Thu Nov 14 16:33:02 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)	11.948	6535084	44.288 ug/ml
Spiked Amount 50.000		Recovery =	88.58%
12) S 1-chlorooctadecane (S...	13.387	5017608	45.151 ug/ml
Spiked Amount 50.000		Recovery =	90.30%
Target Compounds			
1) T n-Nonane (C9)	3.334	6599464	48.607 ug/ml
2) T n-Decane (C10)	4.578	7007422	50.532 ug/ml
3) T A~Naphthalene (C11.7)	6.276	7818417	52.699 ug/ml
4) T n-Dodecane (C12)	6.741	7492924	53.460 ug/ml
5) T A~2-methylnaphthalene...	7.373	7406758	51.888 ug/ml
6) T n-Tetradecane (C14)	8.575	7949297	57.338 ug/ml
7) T n-Hexadecane (C16)	10.184	8207515	57.925 ug/ml
8) T n-Octadecane (C18)	11.632	8338668	59.243 ug/ml
10) T n-Eicosane (C20)	12.944	8396839	63.285 ug/ml
11) T n-Heneicosane (C21)	13.557	8050753	62.015 ug/ml
13) T n-Docosane (C22)	14.143	7942898	62.296 ug/ml
14) T n-Tetracosane (C24)	15.229	14880517	119.070 ug/mlm
15) T n-Hexacosane (C26)	16.272	7387793	60.722 ug/ml
16) T n-Octacosane (C28)	17.221	7216014	60.146 ug/ml
17) T n-Tricontane (C30)	18.111	6997480	55.804 ug/ml
18) T n-Dotriacontane (C32)	18.942	6813356	54.703 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6888364	63.769 ug/ml
20) T n-Hexatriacontane (C36)	20.467	6809261	73.553 ug/ml
21) T n-Octatriacontane (C38)	21.215	7121259	81.284 ug/ml
22) T n-Tetracontane (C40)	22.151	7422549	88.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
Data File : FG014874.D
Signal(s) : FID1A.ch
Acq On : 19 Nov 2024 16:09
Operator : YP\AJ
Sample : PB165088BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

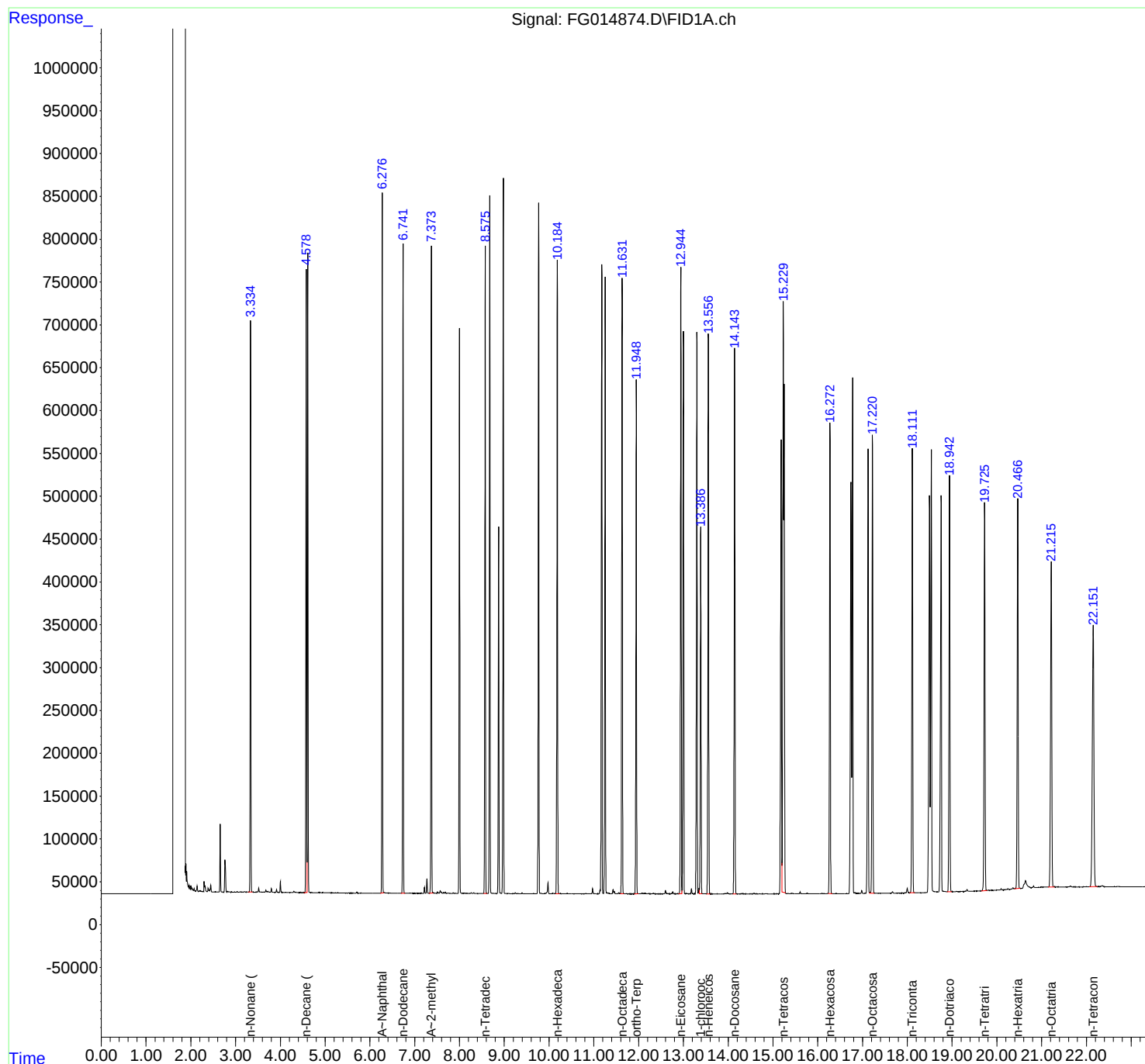
Instrument :
FID_G
ClientSampleId :
PB165088BSD

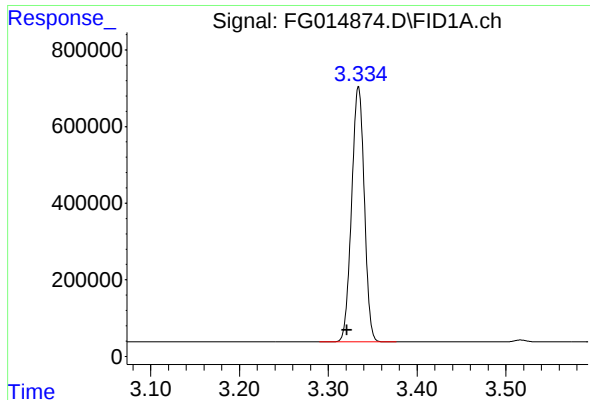
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
Quant Time: Nov 20 00:37:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:33:02 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.: 3.334 min
Delta R.T.: 0.013 min
Response: 6599464
Conc: 48.61 ug/ml

Instrument :

FID_G

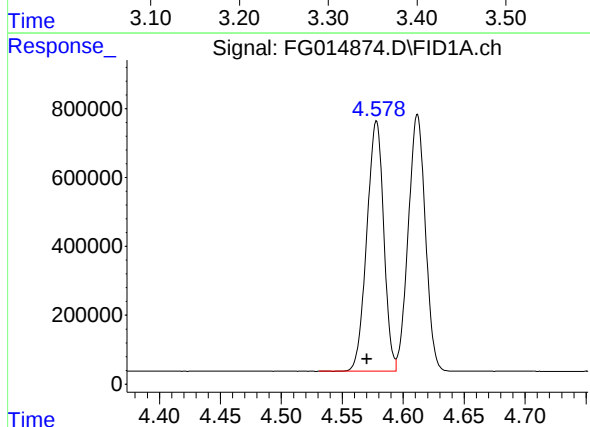
ClientSampleId :

PB165088BSD

Manual Integrations

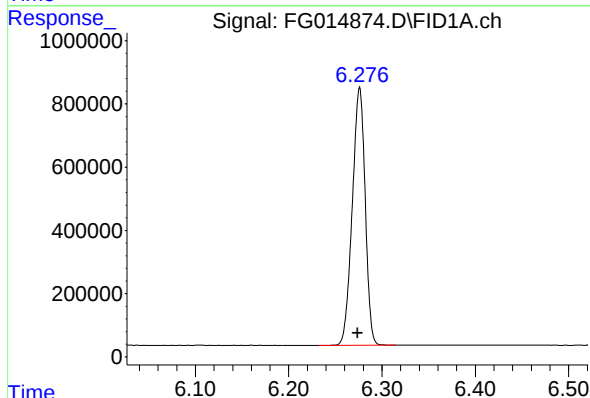
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024



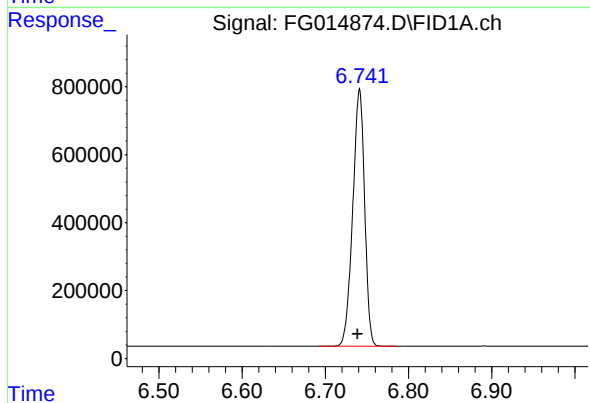
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.008 min
Response: 7007422
Conc: 50.53 ug/ml



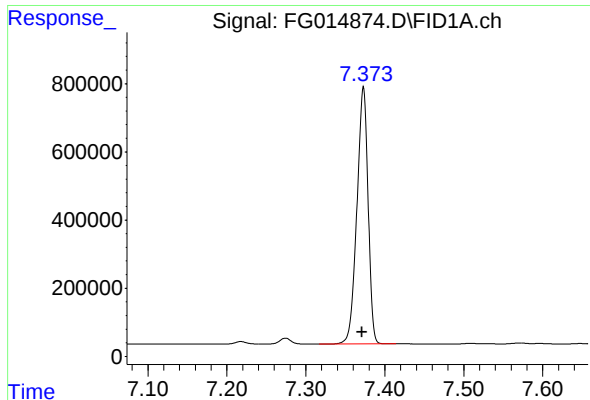
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.002 min
Response: 7818417
Conc: 52.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 7492924
Conc: 53.46 ug/ml



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

R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 7406758
Conc: 51.89 ug/ml

Instrument :

FID_G

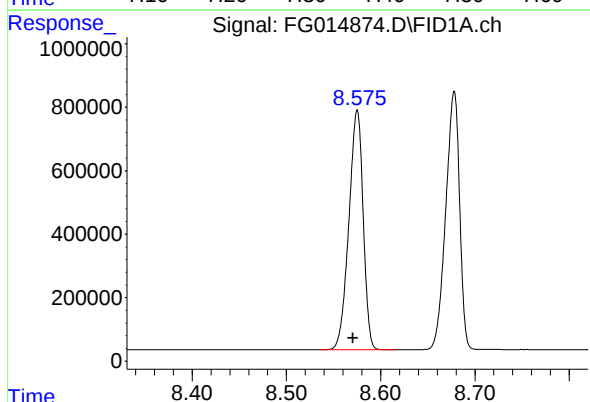
ClientSampleId :

PB165088BSD

Manual Integrations

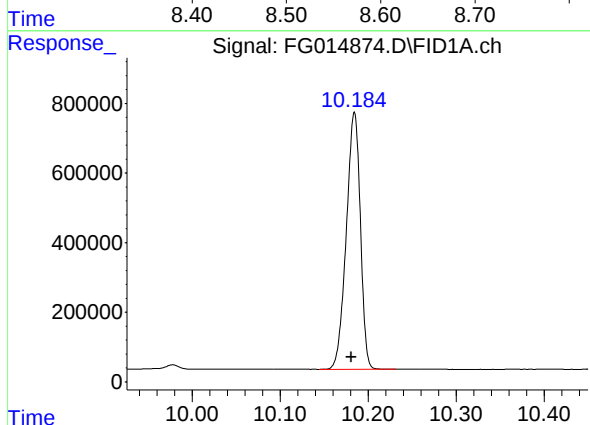
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024



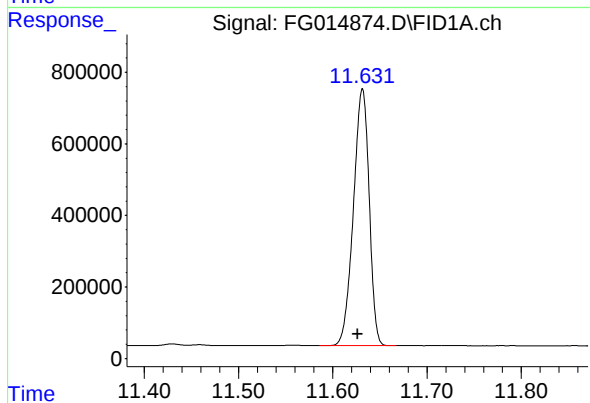
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: 0.004 min
Response: 7949297
Conc: 57.34 ug/ml



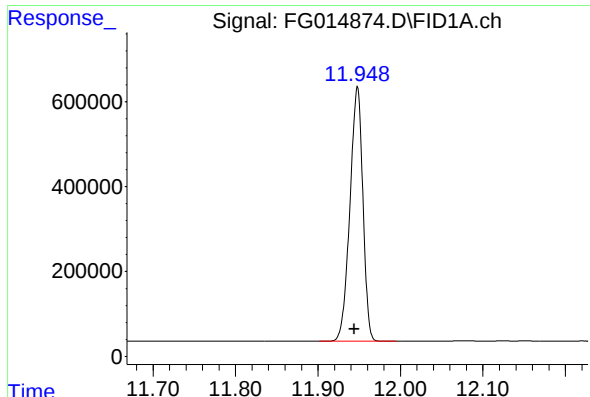
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.003 min
Response: 8207515
Conc: 57.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: 0.005 min
Response: 8338668
Conc: 59.24 ug/ml



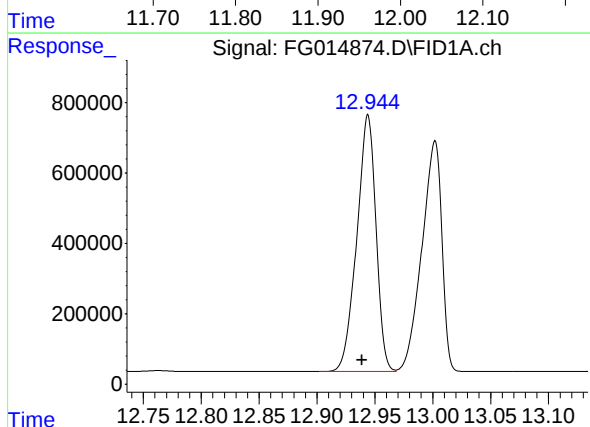
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.004 min
Response: 6535084
Conc: 44.29 ug/ml

Instrument :
FID_G
ClientSampleId :
PB165088BSD

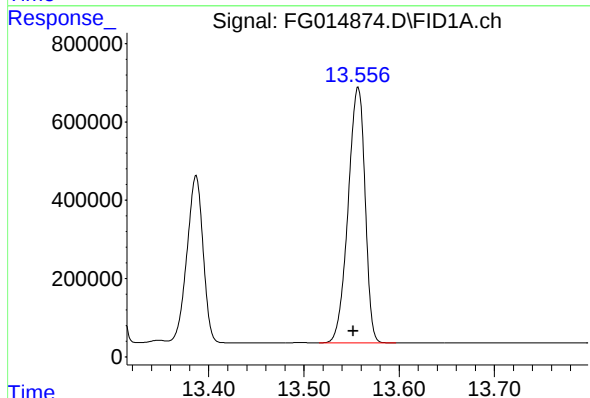
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024



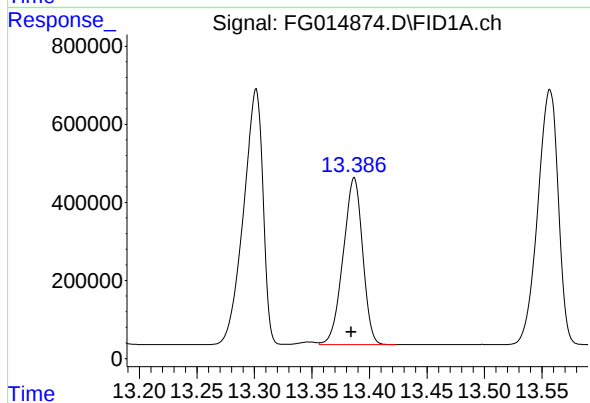
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.005 min
Response: 8396839
Conc: 63.29 ug/ml



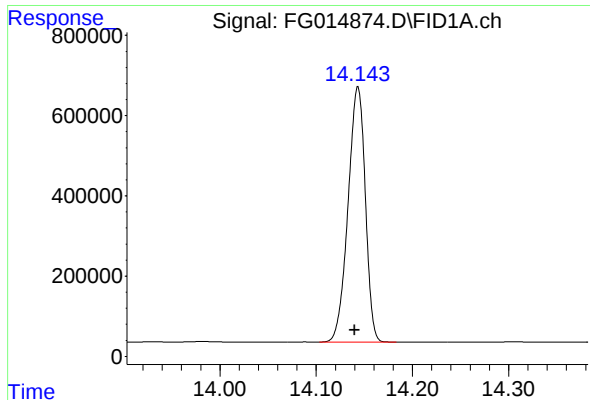
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.005 min
Response: 8050753
Conc: 62.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.002 min
Response: 5017608
Conc: 45.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.004 min
Response: 7942898
Conc: 62.30 ug/ml

Instrument :

FID_G

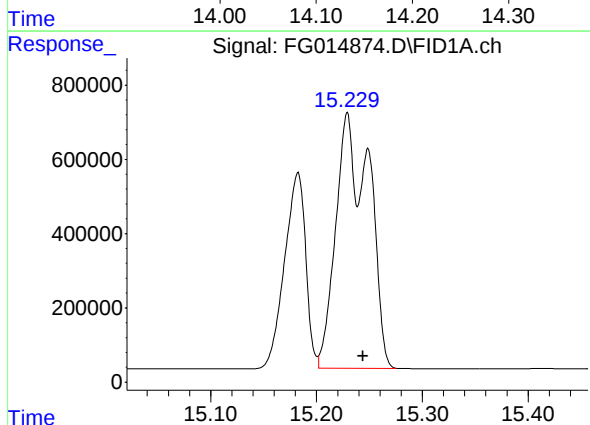
ClientSampleId :

PB165088BSD

Manual Integrations

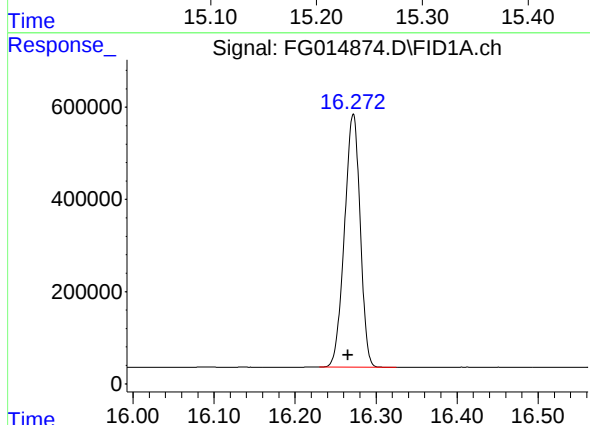
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024



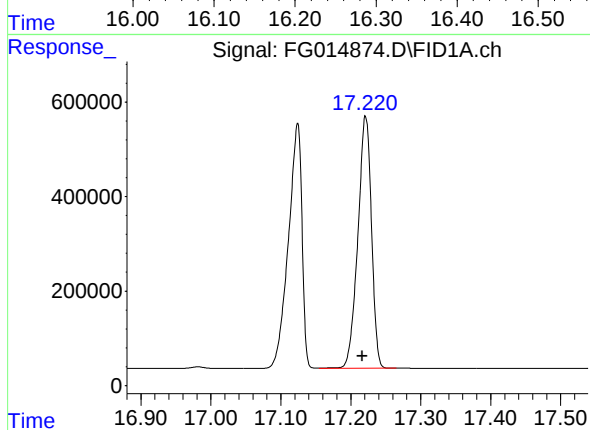
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.015 min
Response: 14880517
Conc: 119.07 ug/ml m



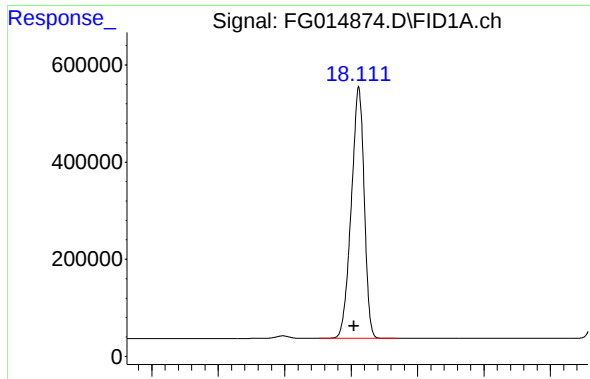
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.007 min
Response: 7387793
Conc: 60.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: 0.005 min
Response: 7216014
Conc: 60.15 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: 0.007 min
Response: 6997480
Conc: 55.80 ug/ml

Instrument :

FID_G

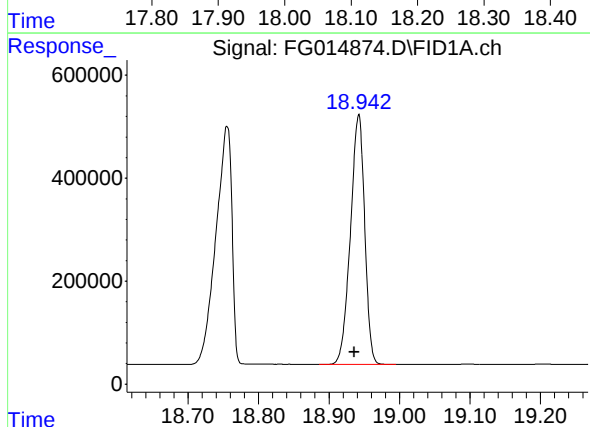
ClientSampleId :

PB165088BSD

Manual Integrations

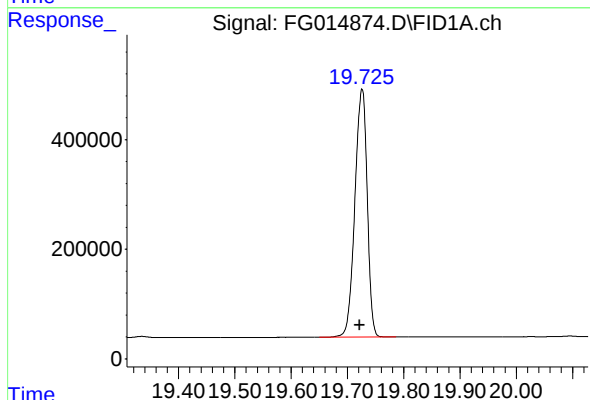
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/21/2024



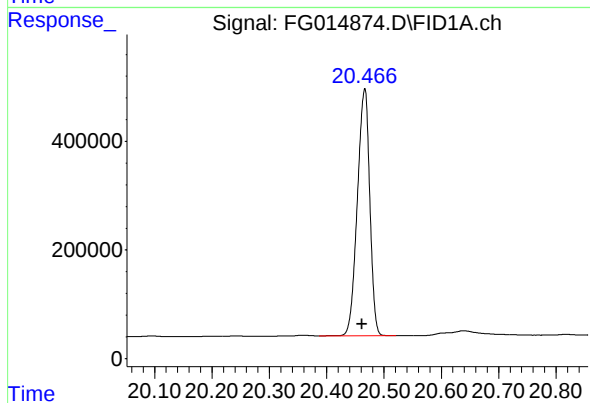
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.006 min
Response: 6813356
Conc: 54.70 ug/ml



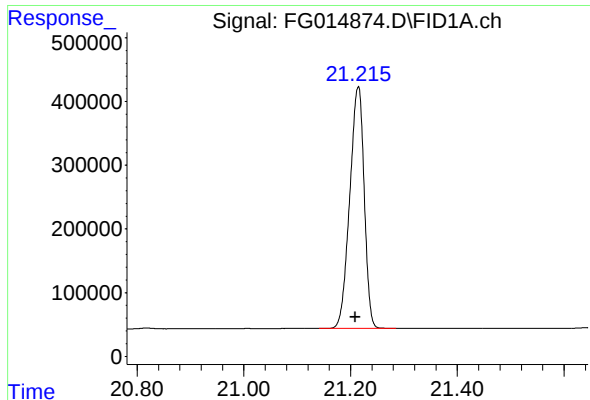
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.005 min
Response: 6888364
Conc: 63.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.005 min
Response: 6809261
Conc: 73.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.006 min
Response: 7121259
Conc: 81.28 ug/ml

Instrument :

FID_G

ClientSampleId :

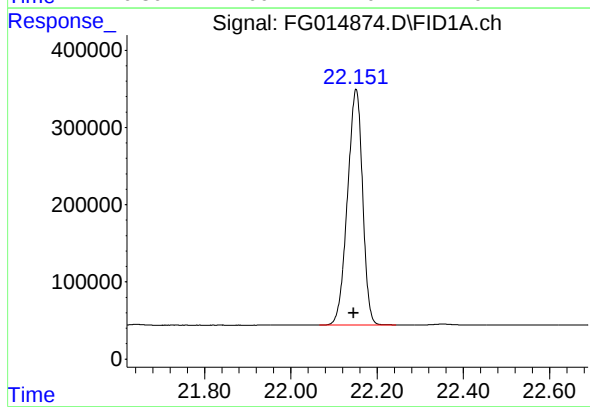
PB165088BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/21/2024



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 7422549
Conc: 88.37 ug/ml