

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
 Data File : FE051205.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2024 18:11
 Operator : YP\AJ
 Sample : P4821-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-F-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e

Quant Time: Nov 14 04:06:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.849	5012437	33.395 ug/ml
Spiked Amount 50.000		Recovery =	66.79%
12) S 1-chlorooctadecane (S...	13.280	4191941	36.923 ug/ml
Spiked Amount 50.000		Recovery =	73.85%
Target Compounds			
1) T n-Nonane (C9)	3.241	5833730	42.161 ug/ml
2) T n-Decane (C10)	4.491	6509729	46.439 ug/ml
3) T A~Naphthalene (C11.7)	6.200	6653143	50.460 ug/ml
4) T n-Dodecane (C12)	6.656	6916233	48.983 ug/ml
5) T A~2-methylnaphthalene...	7.296	6152323	49.182 ug/ml
6) T n-Tetradecane (C14)	8.484	7144943	51.268 ug/ml
7) T n-Hexadecane (C16)	10.088	7637240	53.818 ug/ml
8) T n-Octadecane (C18)	11.529	7945163	55.636 ug/ml
10) T n-Eicosane (C20)	12.837	7877940	57.564 ug/ml
11) T n-Heneicosane (C21)	13.447	7561307	56.578 ug/ml
13) T n-Docosane (C22)	14.033	7537916	56.697 ug/ml
14) T n-Tetracosane (C24)	15.135	14512316	109.397 ug/mlm
15) T n-Hexacosane (C26)	16.154	7480182	55.877 ug/ml
16) T n-Octacosane (C28)	17.102	8887503	65.192 ug/ml
17) T n-Tricontane (C30)	17.989	7908318	54.432 ug/ml
18) T n-Dotriacontane (C32)	18.821	7925802	53.379 ug/ml
19) T n-Tetratriacontane (C34)	19.603	8177395	60.859 ug/ml
20) T n-Hexatriacontane (C36)	20.342	7765939	65.086 ug/ml
21) T n-Octatriacontane (C38)	21.064	7333066	64.429 ug/ml
22) T n-Tetracontane (C40)	21.944	6296411	56.612 ug/ml

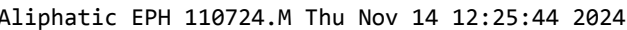
(f)=RT Delta > 1/2 Window

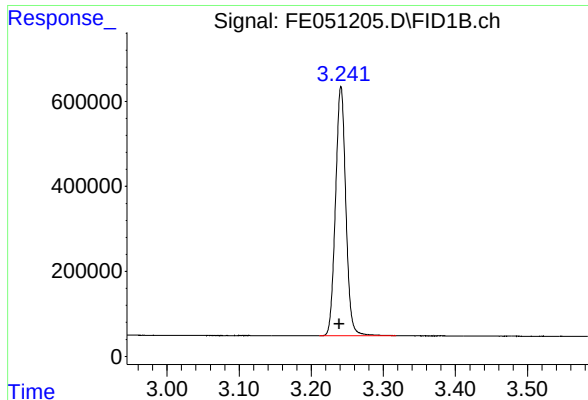
(m)=manual int.

Instrument :
FID_E
ClientSampleId :
BP-F-2MS

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024

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





#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.002 min
Response: 5833730
Conc: 42.16 ug/ml

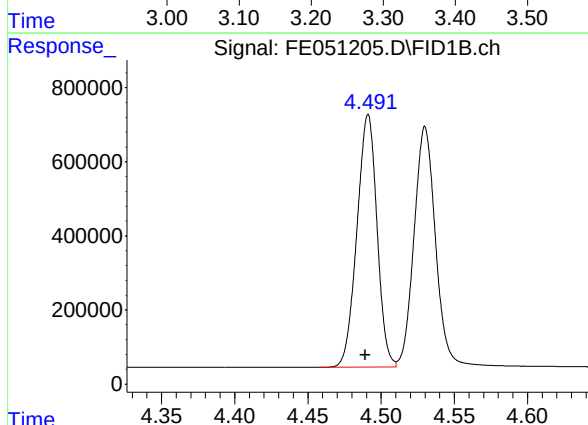
Instrument :

FID_E

ClientSampleId :
BP-F-2MS

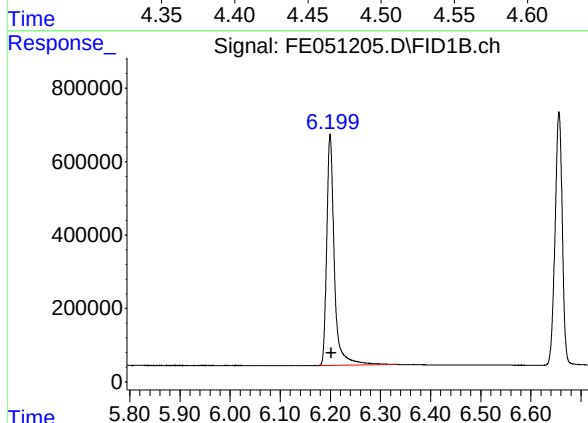
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



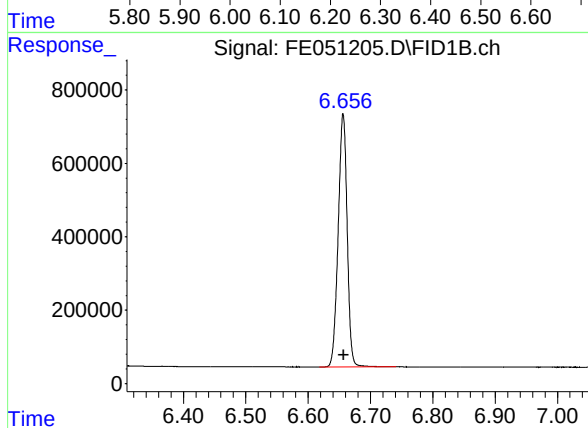
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 6509729
Conc: 46.44 ug/ml



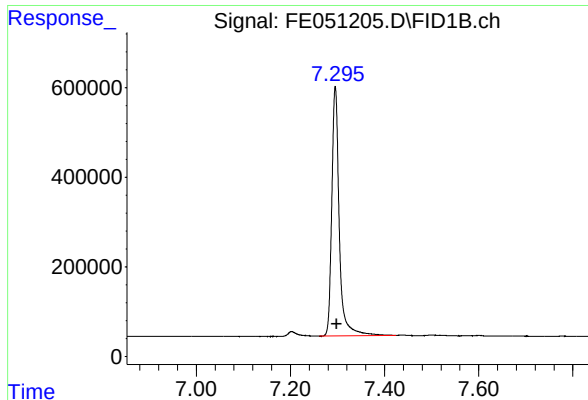
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 6653143
Conc: 50.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 6916233
Conc: 48.98 ug/ml



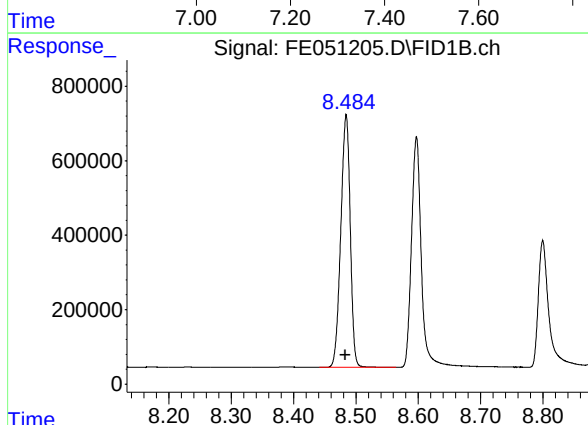
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 6152323
Conc: 49.18 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F-2MS

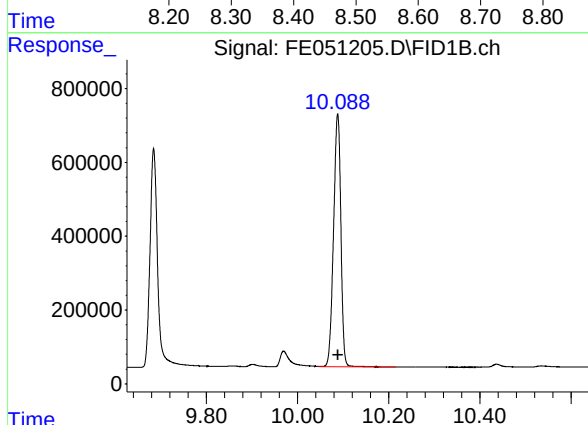
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



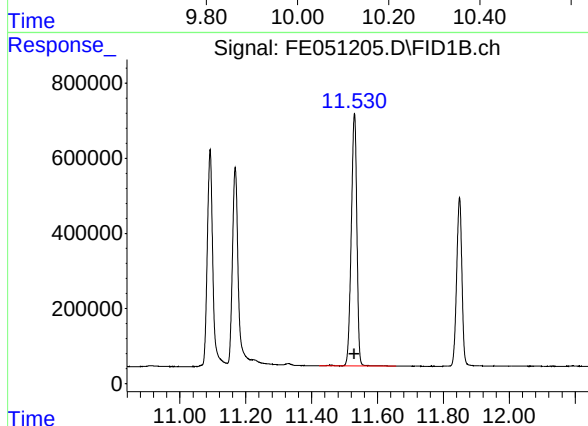
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 7144943
Conc: 51.27 ug/ml



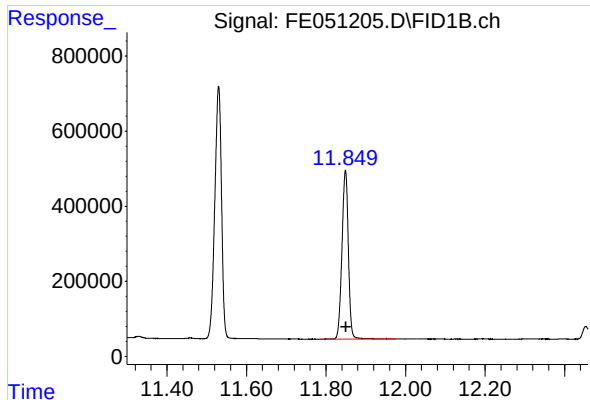
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 7637240
Conc: 53.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 7945163
Conc: 55.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.002 min
Response: 5012437
Conc: 33.39 ug/ml

Instrument :

FID_E

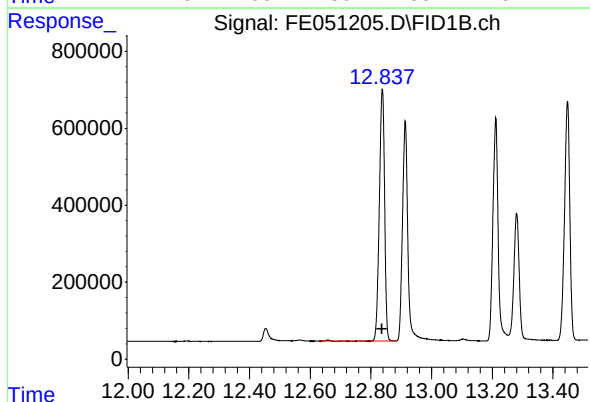
ClientSampleId :

BP-F-2MS

Manual Integrations

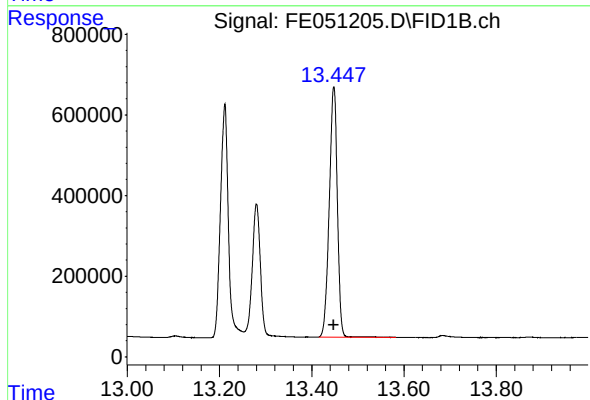
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



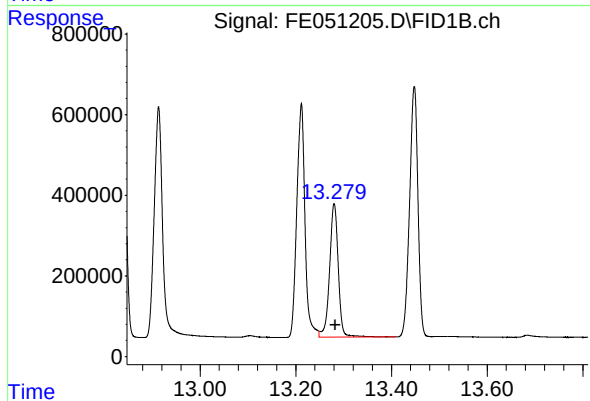
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 7877940
Conc: 57.56 ug/ml



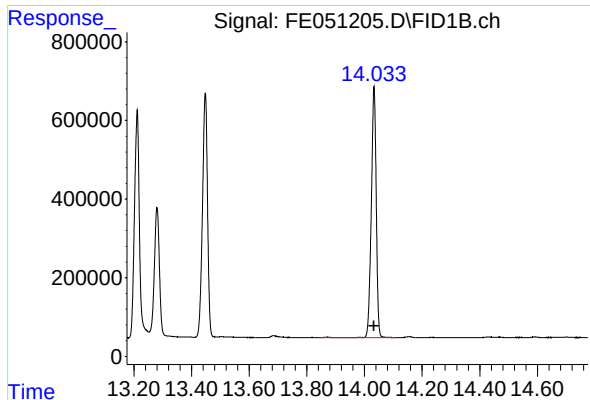
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 7561307
Conc: 56.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 4191941
Conc: 36.92 ug/ml



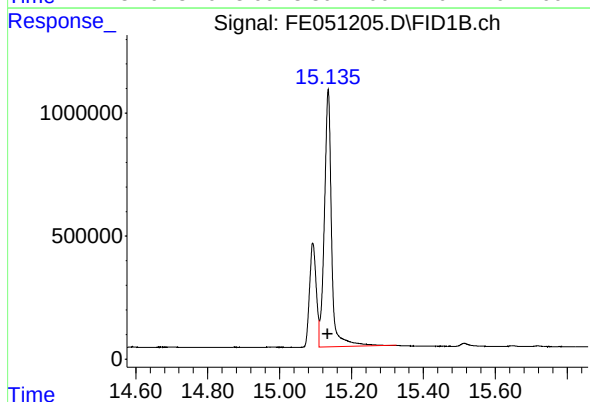
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: 0.000 min
Response: 7537916
Conc: 56.70 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F-2MS

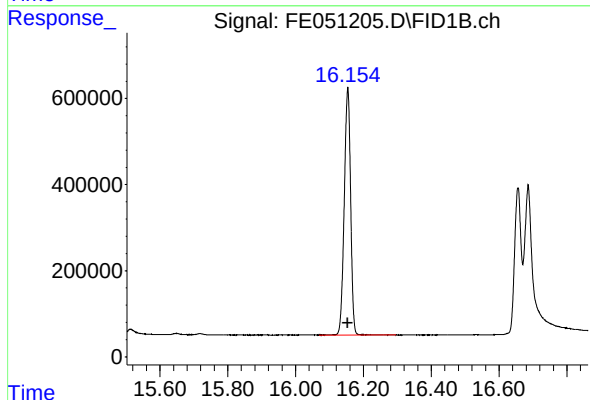
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



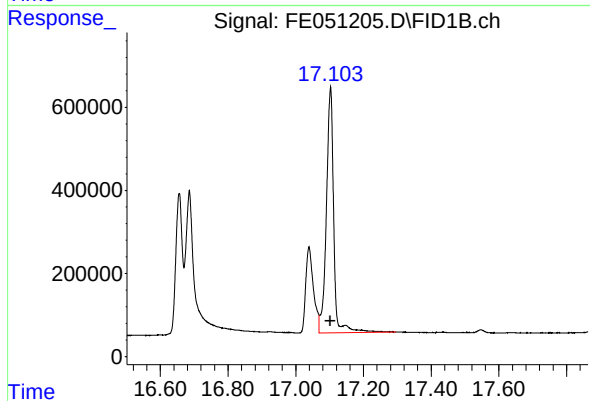
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: 0.000 min
Response: 14512316
Conc: 109.40 ug/ml m



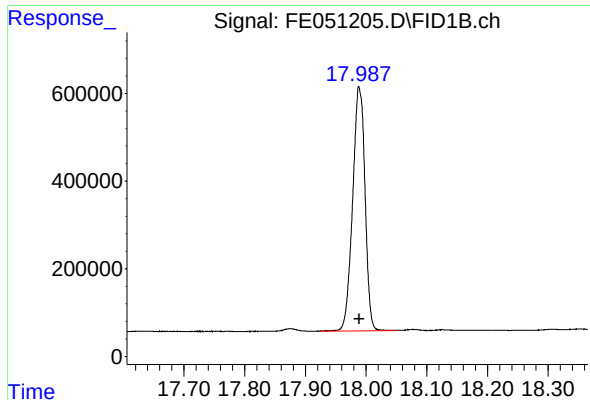
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 7480182
Conc: 55.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: 0.000 min
Response: 8887503
Conc: 65.19 ug/ml



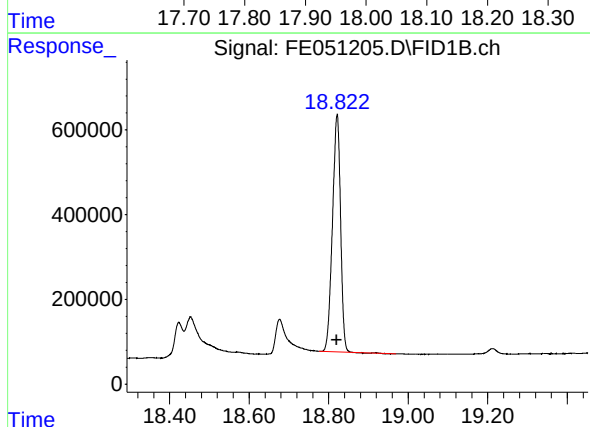
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.000 min
Response: 7908318
Conc: 54.43 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F-2MS

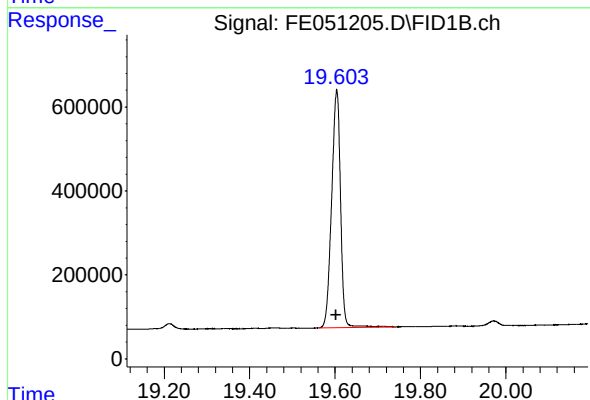
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



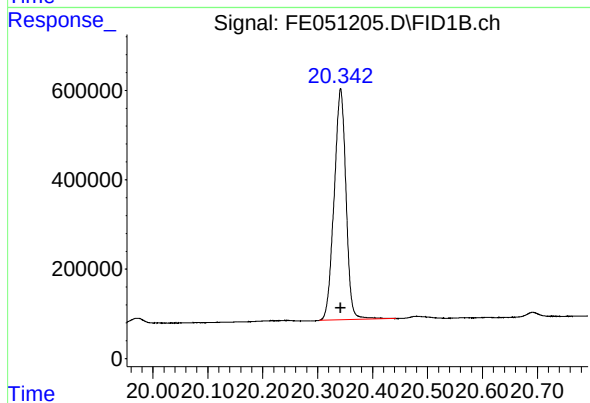
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.000 min
Response: 7925802
Conc: 53.38 ug/ml



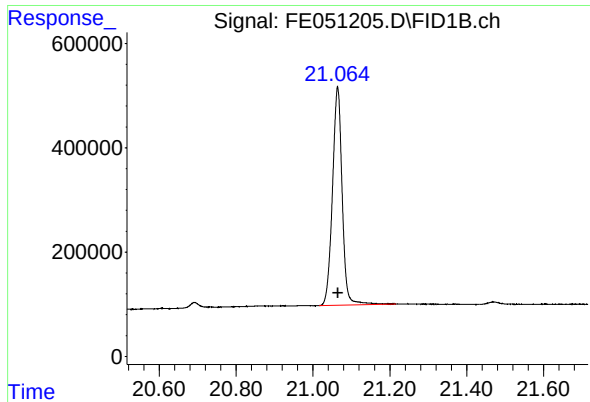
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min
Delta R.T.: 0.000 min
Response: 8177395
Conc: 60.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.342 min
Delta R.T.: 0.000 min
Response: 7765939
Conc: 65.09 ug/ml



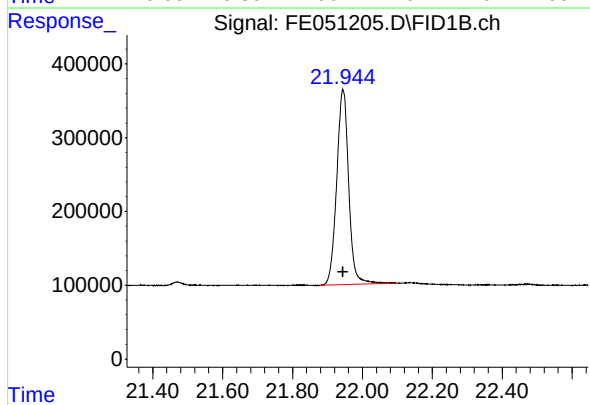
#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: -0.001 min
Response: 7333066
Conc: 64.43 ug/ml

Instrument :
FID_E
ClientSampleId :
BP-F-2MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.000 min
Response: 6296411
Conc: 56.61 ug/ml