

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
 Data File : FE048903.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2024 19:11
 Operator : YP\AJ
 Sample : P3064-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-062524MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :Ankita Jodhani 06/27/2024

Integration File: autoint1.e

Quant Time: Jun 27 02:01:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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)	11.940	5222011	31.230 ug/ml
Spiked Amount 50.000		Recovery =	62.46%
12) S 1-chlorooctadecane (S...	13.375	4534814	35.266 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
Target Compounds			
1) T n-Nonane (C9)	3.324	3955983	26.313 ug/ml
2) T n-Decane (C10)	4.574	4555372	29.601 ug/ml
3) T A~Naphthalene (C11.7)	6.280	5274448	33.224 ug/ml
4) T n-Dodecane (C12)	6.739	4851460	31.427 ug/ml
5) T A~2-methylnaphthalene...	7.376	5523845	36.476 ug/ml
6) T n-Tetradecane (C14)	8.568	5475818	35.728 ug/ml
7) T n-Hexadecane (C16)	10.175	5673859	36.288 ug/ml
8) T n-Octadecane (C18)	11.620	5702467	35.755 ug/ml
10) T n-Eicosane (C20)	12.929	5720576	36.898 ug/ml
11) T n-Heneicosane (C21)	13.541	5486004	36.029 ug/ml
13) T n-Docosane (C22)	14.127	5494642	36.332 ug/ml
14) T n-Tetracosane (C24)	15.224	9391767	62.495 ug/ml
15) T n-Hexacosane (C26)	16.252	5351138	36.246 ug/ml
16) T n-Octacosane (C28)	17.202	5767436	39.992 ug/ml
17) T n-Tricontane (C30)	18.090	6517739	44.551 ug/ml
18) T n-Dotriacontane (C32)	18.923	7612428	53.241 ug/ml
19) T n-Tetratriacontane (C34)	19.707	6975738	50.413 ug/ml
20) T n-Hexatriacontane (C36)	20.449	7132149	54.877 ug/ml
21) T n-Octatriacontane (C38)	21.189	6443816	50.266 ug/mlm
22) T n-Tetracontane (C40)	22.110	7537269	61.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
Data File : FE048903.D
Signal(s) : FID1B.ch
Acq On : 26 Jun 2024 19:11
Operator : YP\AJ
Sample : P3064-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

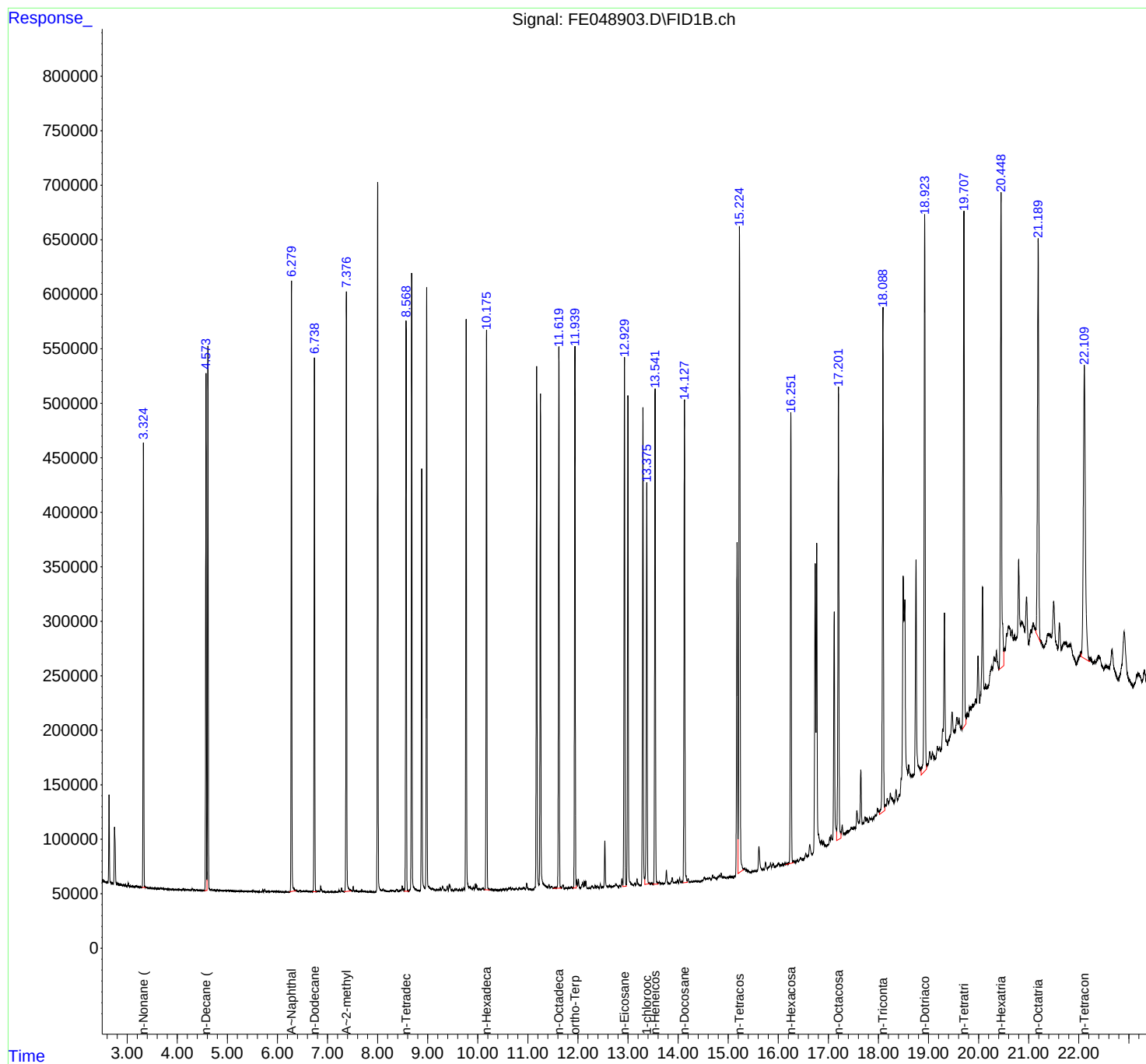
Instrument :
FID_E
ClientSampleId :
HD-02-062524MSD

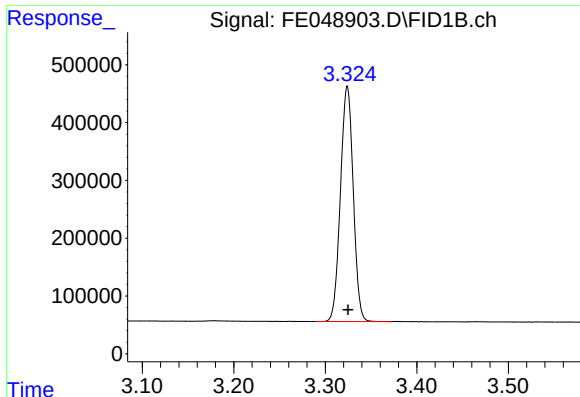
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :Ankita Jodhani 06/27/2024

Integration File: autoint1.e
Quant Time: Jun 27 02:01:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 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.: 3.324 min
Delta R.T.: 0.000 min
Response: 3955983
Conc: 26.31 ug/ml

Instrument :

FID_E

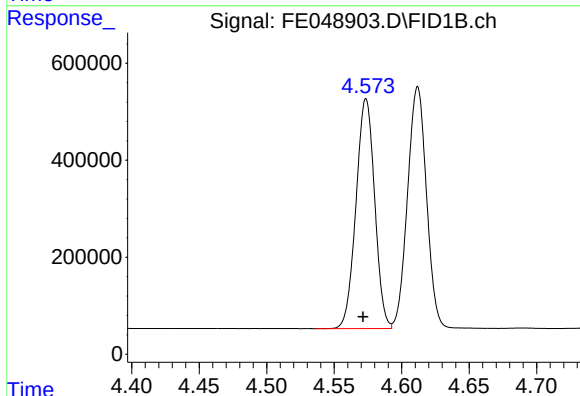
ClientSampleId :

HD-02-062524MSD

Manual Integrations

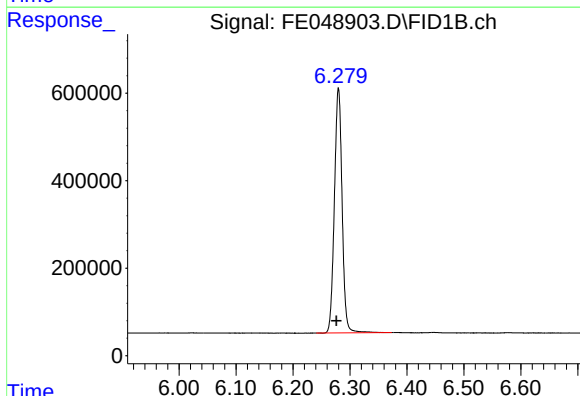
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :Ankita Jodhani 06/27/2024



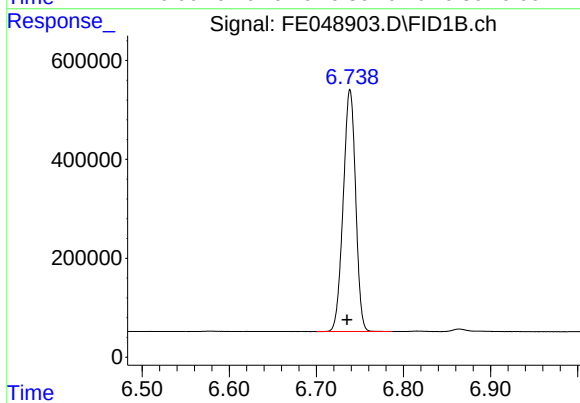
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 4555372
Conc: 29.60 ug/ml



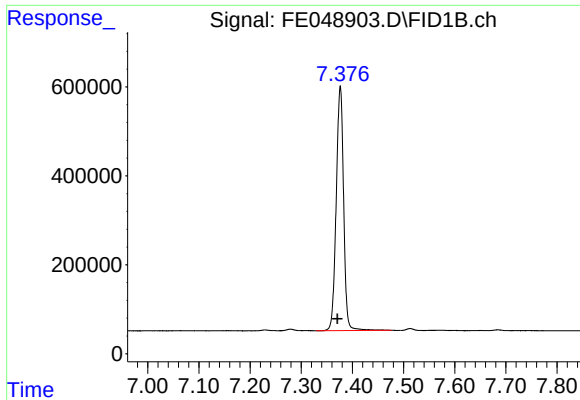
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.004 min
Response: 5274448
Conc: 33.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.003 min
Response: 4851460
Conc: 31.43 ug/ml



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

R.T.: 7.376 min
Delta R.T.: 0.006 min
Response: 5523845
Conc: 36.48 ug/ml

Instrument :

FID_E

ClientSampleId :

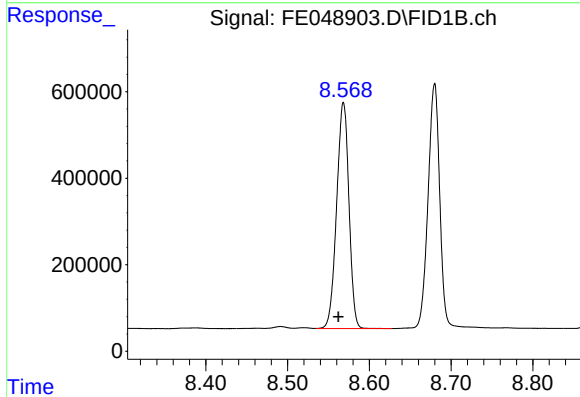
HD-02-062524MSD

Manual Integrations

APPROVED

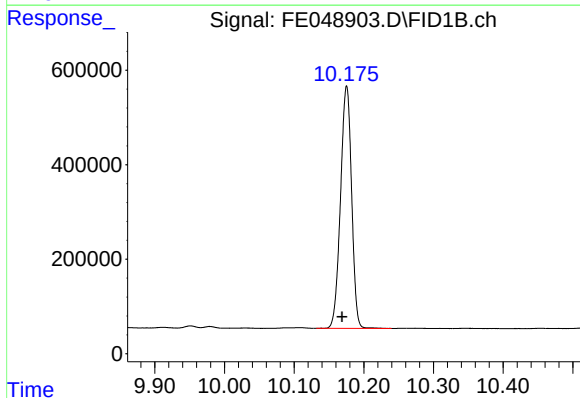
Reviewed By :Yogesh Patel 06/27/2024

Supervised By :Ankita Jodhani 06/27/2024



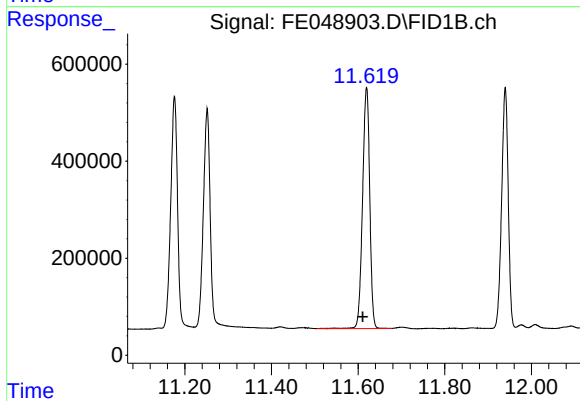
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.006 min
Response: 5475818
Conc: 35.73 ug/ml



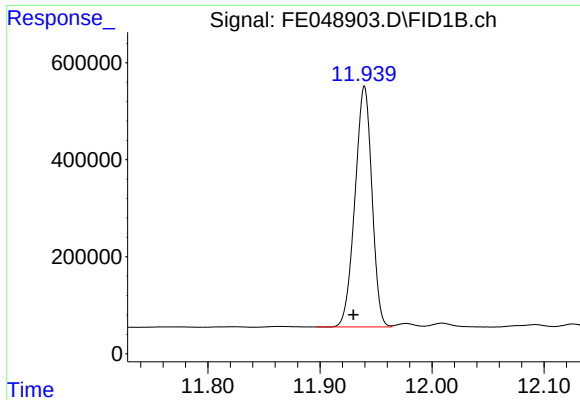
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.007 min
Response: 5673859
Conc: 36.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: 0.009 min
Response: 5702467
Conc: 35.76 ug/ml



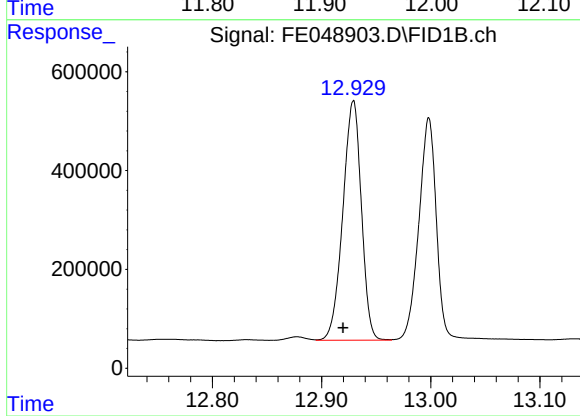
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.010 min
Response: 5222011
Conc: 31.23 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-062524MSD

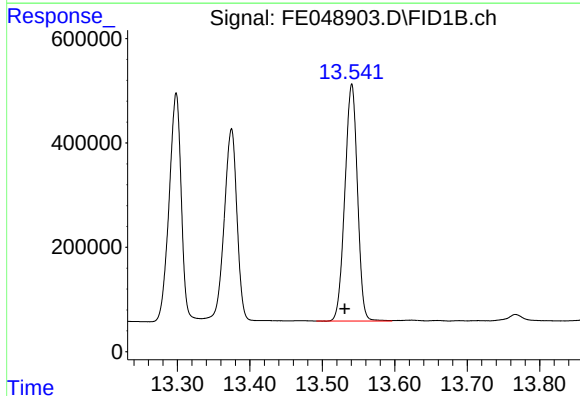
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :Ankita Jodhani 06/27/2024



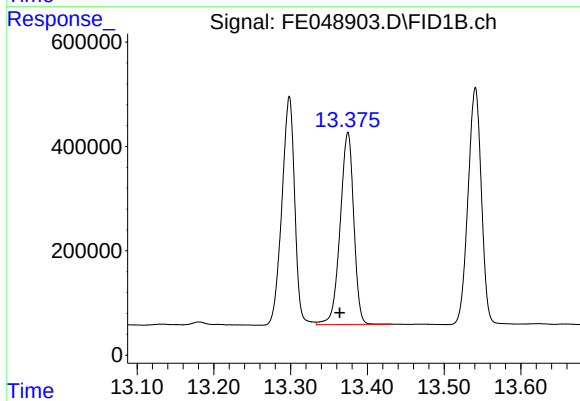
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.010 min
Response: 5720576
Conc: 36.90 ug/ml



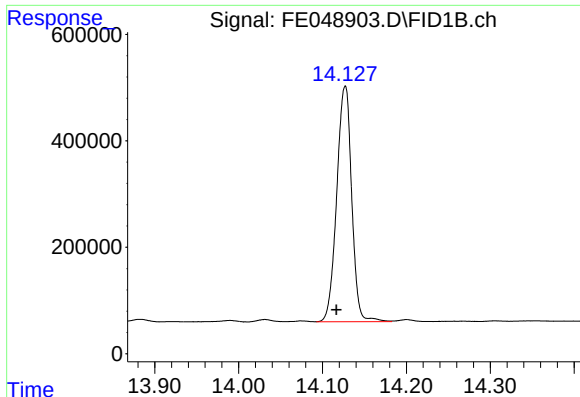
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.010 min
Response: 5486004
Conc: 36.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: 0.011 min
Response: 4534814
Conc: 35.27 ug/ml



#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.011 min
Response: 5494642
Conc: 36.33 ug/ml

Instrument :

FID_E

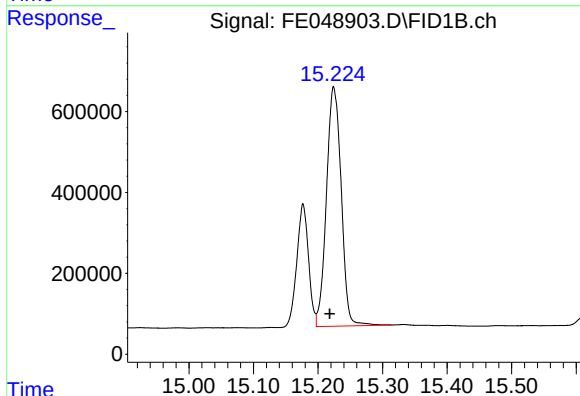
ClientSampleId :

HD-02-062524MSD

Manual Integrations

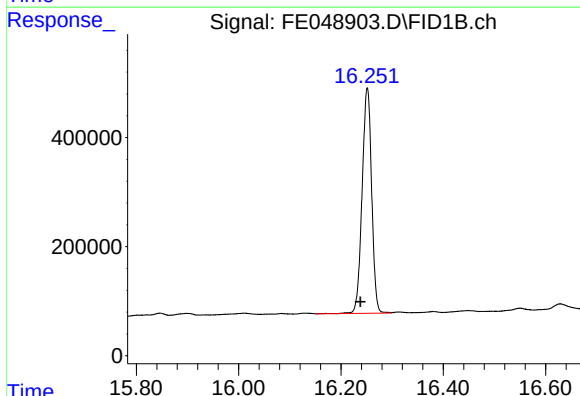
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :Ankita Jodhani 06/27/2024



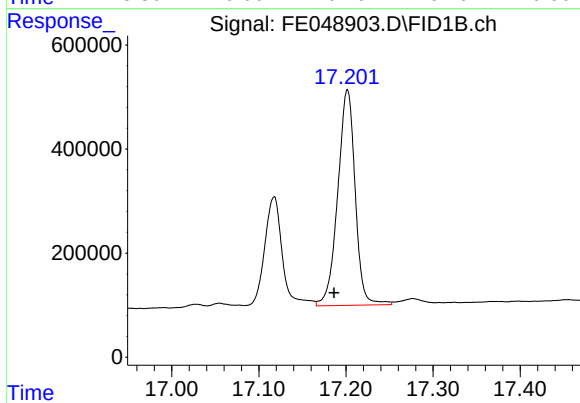
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.006 min
Response: 9391767
Conc: 62.50 ug/ml



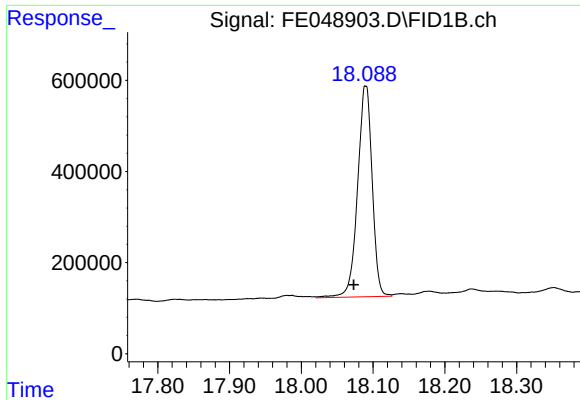
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.013 min
Response: 5351138
Conc: 36.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: 0.015 min
Response: 5767436
Conc: 39.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: 0.017 min
Response: 6517739
Conc: 44.55 ug/ml

Instrument :

FID_E

ClientSampleId :

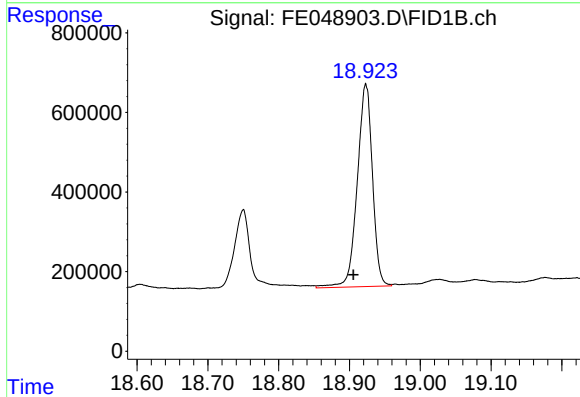
HD-02-062524MSD

Manual Integrations

APPROVED

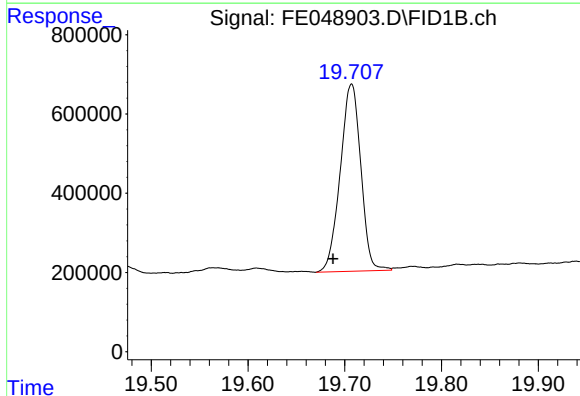
Reviewed By :Yogesh Patel 06/27/2024

Supervised By :Ankita Jodhani 06/27/2024



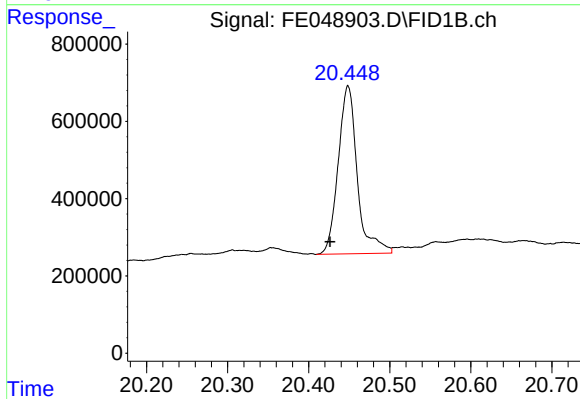
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.018 min
Response: 7612428
Conc: 53.24 ug/ml



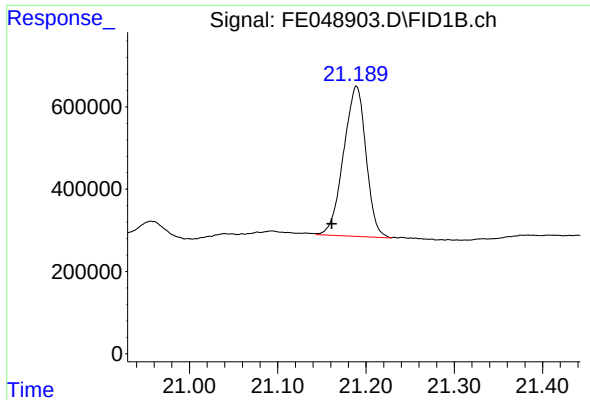
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.019 min
Response: 6975738
Conc: 50.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: 0.022 min
Response: 7132149
Conc: 54.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.027 min
Response: 6443816
Conc: 50.27 ug/ml

Instrument :

FID_E

ClientSampleId :

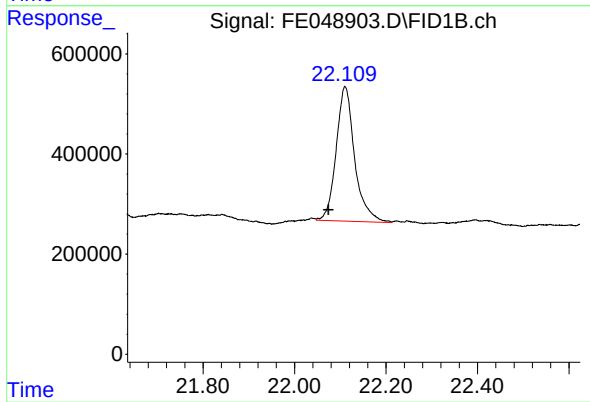
HD-02-062524MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :Ankita Jodhani 06/27/2024



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.036 min
Response: 7537269
Conc: 61.55 ug/ml