

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
 Data File : FE048029.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2024 15:37
 Operator : YP\AJ
 Sample : PB160783BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160783BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 01:23:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.975	6907385	47.880 ug/ml
Spiked Amount 50.000		Recovery =	95.76%
12) S 1-chlorooctadecane (S...	13.407	5802961	51.932 ug/mlm
Spiked Amount 50.000		Recovery =	103.86%
Target Compounds			
1) T n-Nonane (C9)	3.360	6835455	53.038 ug/ml
2) T n-Decane (C10)	4.608	7323333	55.625 ug/ml
3) T A~Naphthalene (C11.7)	6.314	7755700	56.167 ug/ml
4) T n-Dodecane (C12)	6.771	7784625	58.394 ug/ml
5) T A~2-methylnaphthalene...	7.410	7753019	58.261 ug/ml
6) T n-Tetradecane (C14)	8.602	7912972	59.711 ug/ml
7) T n-Hexadecane (C16)	10.208	7881287	57.305 ug/ml
8) T n-Octadecane (C18)	11.653	8050983	57.797 ug/ml
10) T n-Eicosane (C20)	12.963	8105436	60.199 ug/ml
11) T n-Heneicosane (C21)	13.574	7870616	59.457 ug/ml
13) T n-Docosane (C22)	14.161	7819719	59.008 ug/ml
14) T n-Tetracosane (C24)	15.260	13670844	102.670 ug/ml
15) T n-Hexacosane (C26)	16.286	7662066	57.418 ug/ml
16) T n-Octacosane (C28)	17.234	7868586	59.097 ug/ml
17) T n-Tricontane (C30)	18.122	7761896	56.240 ug/ml
18) T n-Dotriacontane (C32)	18.954	7778757	56.316 ug/ml
19) T n-Tetratriacontane (C34)	19.737	8077228	59.294 ug/ml
20) T n-Hexatriacontane (C36)	20.477	8179689	60.412 ug/ml
21) T n-Octatriacontane (C38)	21.222	8356922	60.528 ug/ml
22) T n-Tetracontane (C40)	22.153	8142601	58.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
Data File : FE048029.D
Signal(s) : FID1B.ch
Acq On : 08 May 2024 15:37
Operator : YP\AJ
Sample : PB160783BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

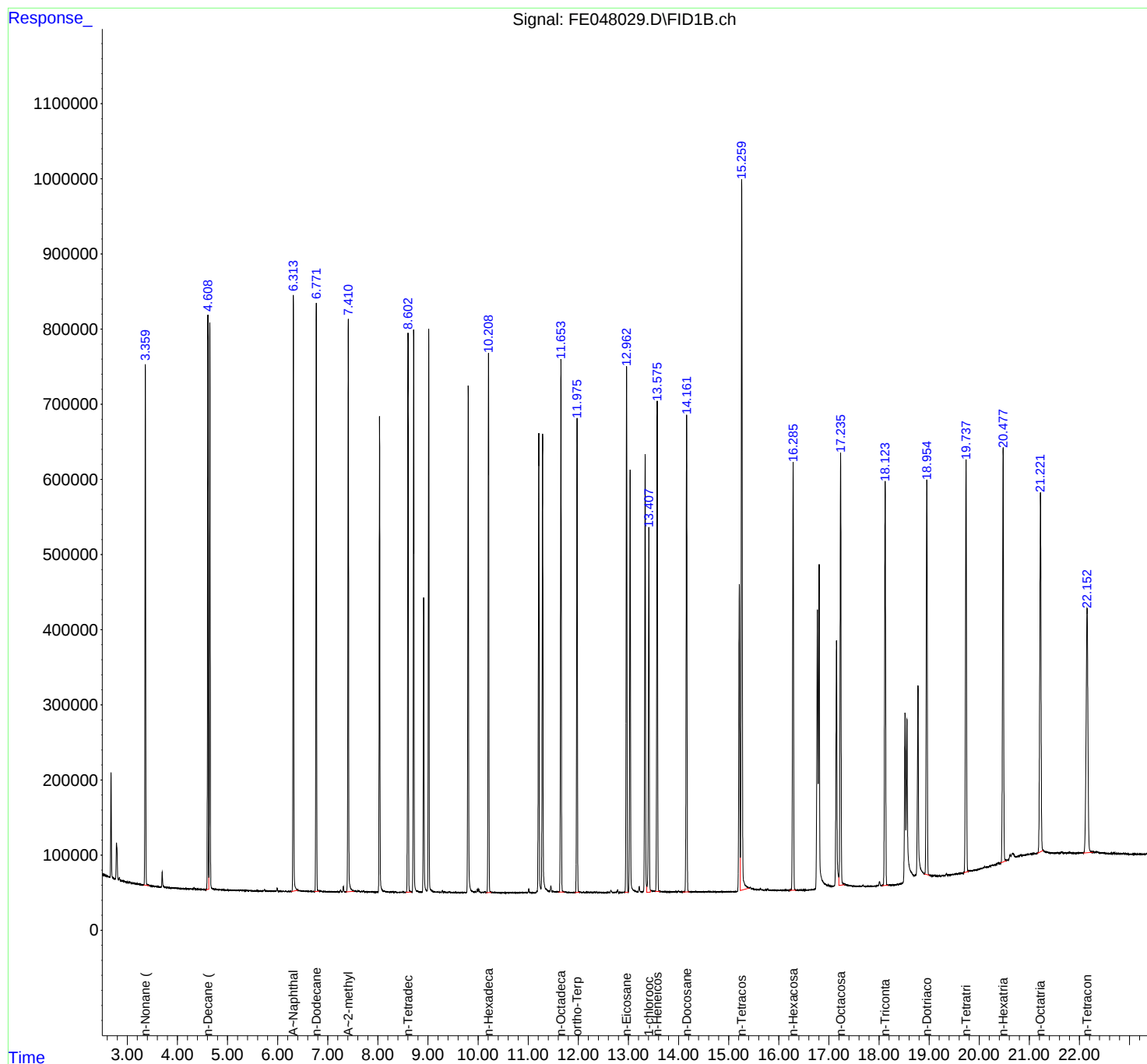
Instrument :
FID_E
ClientSampleId :
PB160783BSD

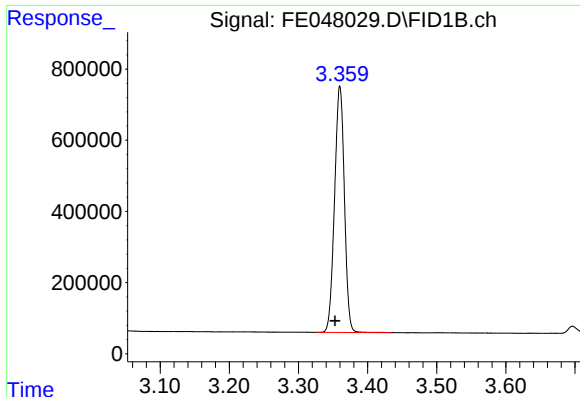
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2024
Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
Quant Time: May 09 01:23:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 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.: 3.360 min
Delta R.T.: 0.007 min
Response: 6835455
Conc: 53.04 ug/ml

Instrument :

FID_E

ClientSampleId :

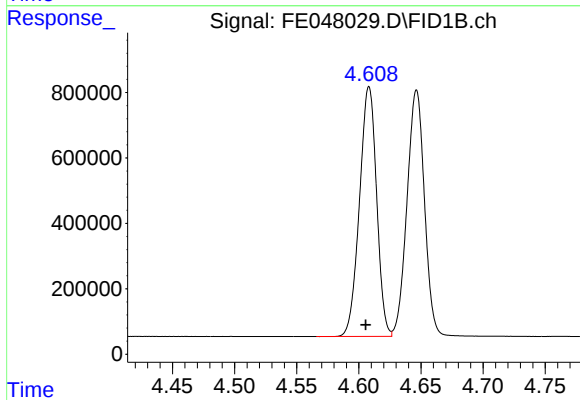
PB160783BSD

Manual Integrations

APPROVED

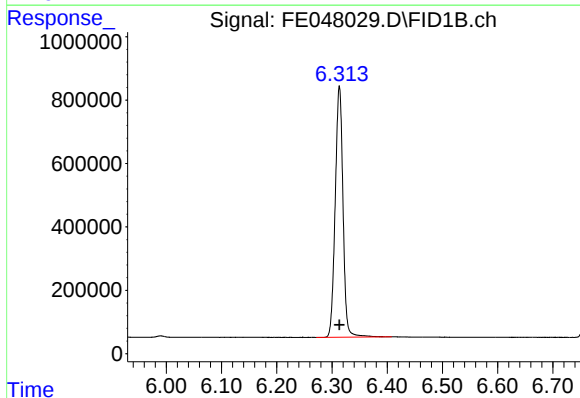
Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024



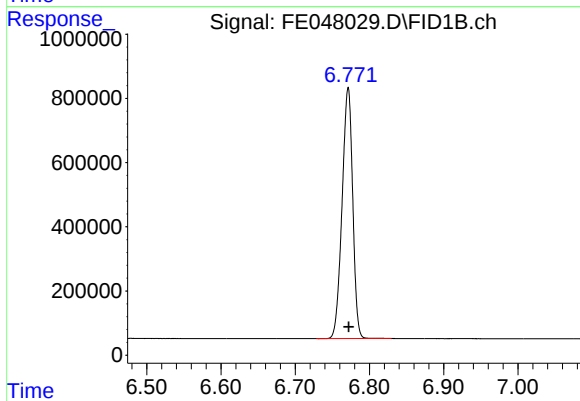
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 7323333
Conc: 55.63 ug/ml



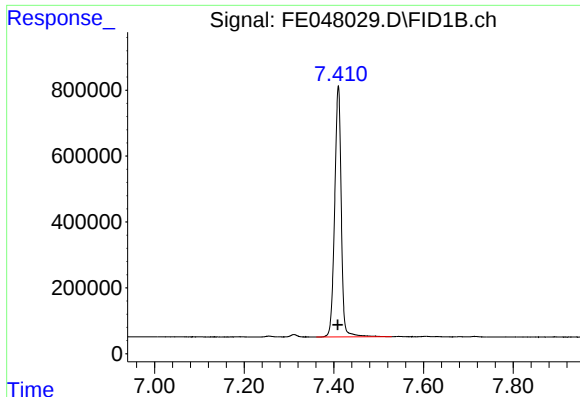
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 7755700
Conc: 56.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 7784625
Conc: 58.39 ug/ml



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

R.T.: 7.410 min
Delta R.T.: 0.001 min
Response: 7753019
Conc: 58.26 ug/ml

Instrument :

FID_E

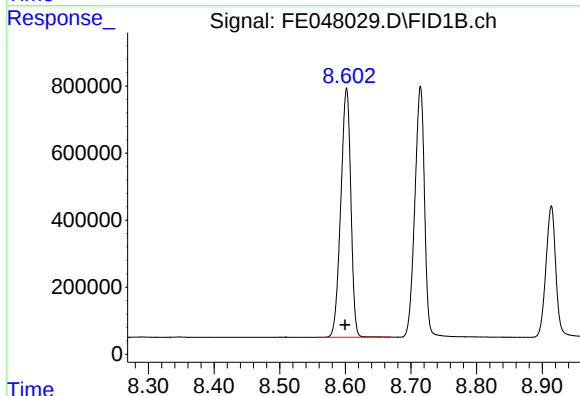
ClientSampleId :

PB160783BSD

Manual Integrations

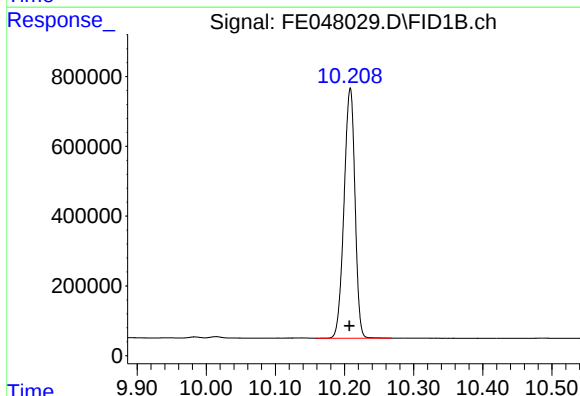
APPROVED

Reviewed By :Yogesh Patel 05/09/2024
Supervised By :Ankita Jodhani 05/09/2024



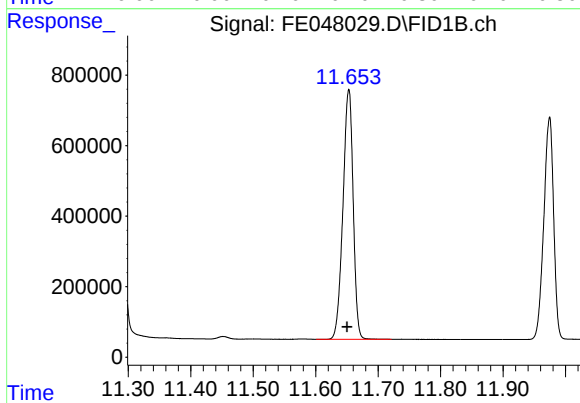
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.002 min
Response: 7912972
Conc: 59.71 ug/ml



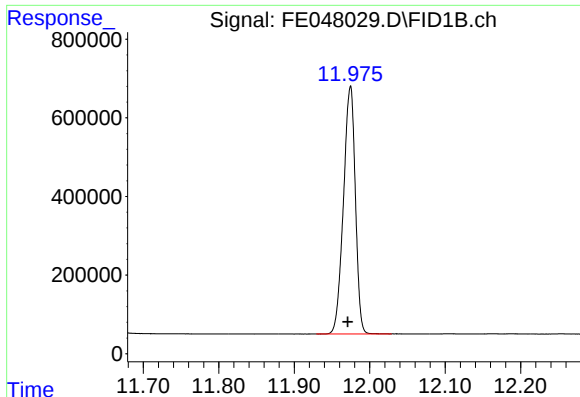
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: 0.001 min
Response: 7881287
Conc: 57.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.003 min
Response: 8050983
Conc: 57.80 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.003 min
Response: 6907385
Conc: 47.88 ug/ml

Instrument :

FID_E

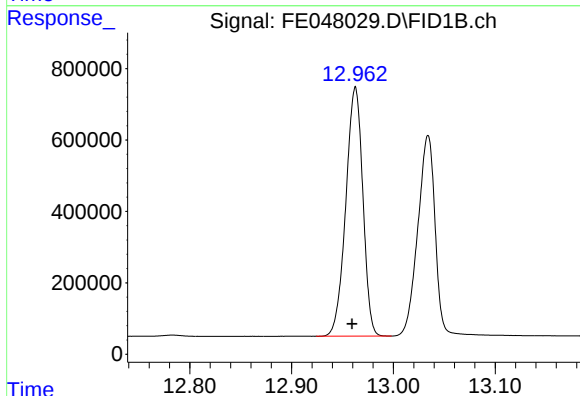
ClientSampleId :

PB160783BSD

Manual Integrations

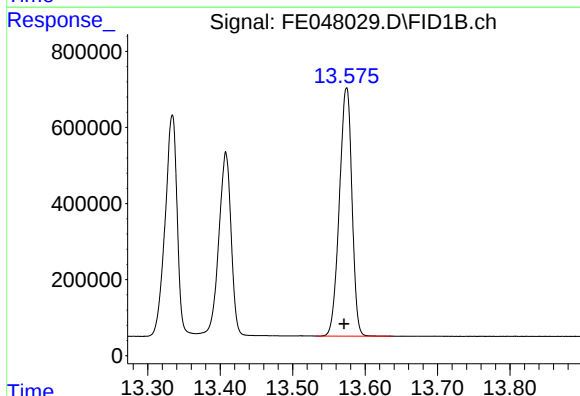
APPROVED

Reviewed By :Yogesh Patel 05/09/2024
Supervised By :Ankita Jodhani 05/09/2024



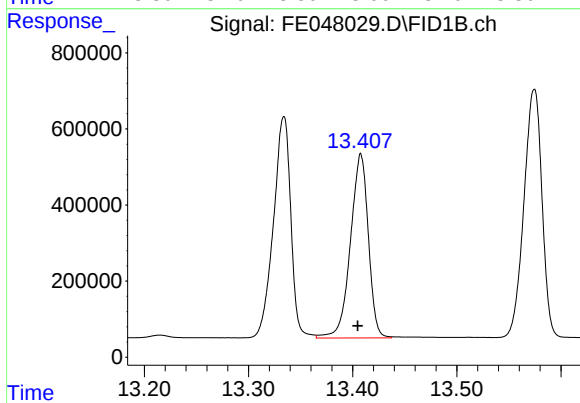
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 8105436
Conc: 60.20 ug/ml



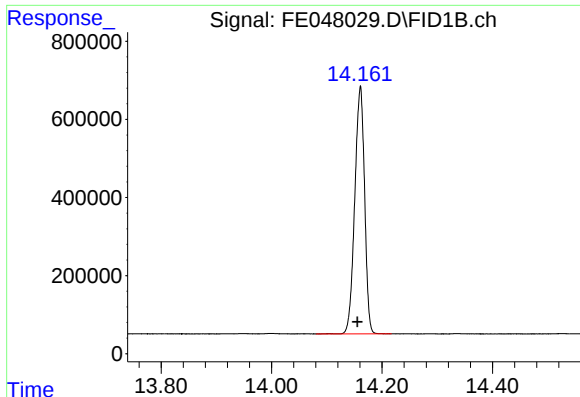
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.003 min
Response: 7870616
Conc: 59.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 5802961
Conc: 51.93 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.005 min
Response: 7819719
Conc: 59.01 ug/ml

Instrument :

FID_E

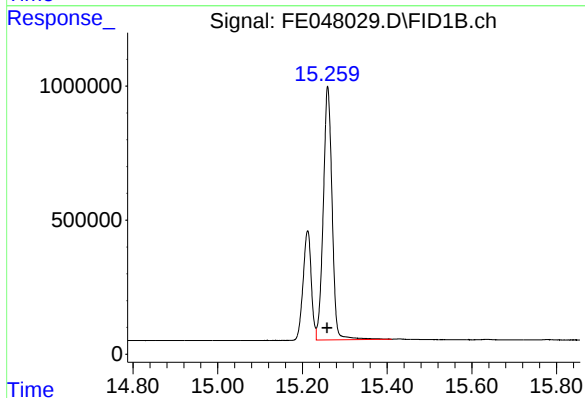
ClientSampleId :

PB160783BSD

Manual Integrations

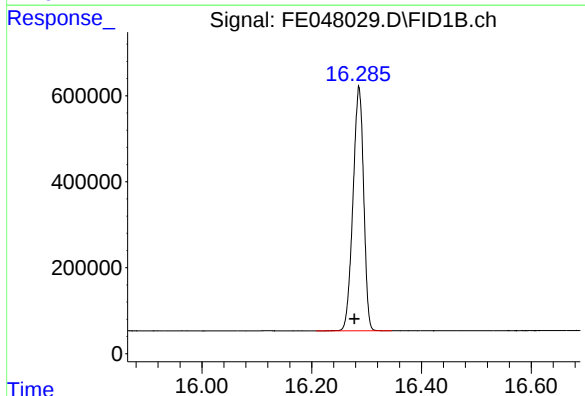
APPROVED

Reviewed By :Yogesh Patel 05/09/2024
Supervised By :Ankita Jodhani 05/09/2024



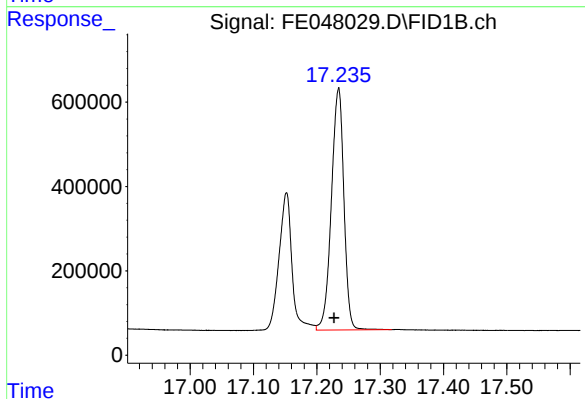
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 13670844
Conc: 102.67 ug/ml



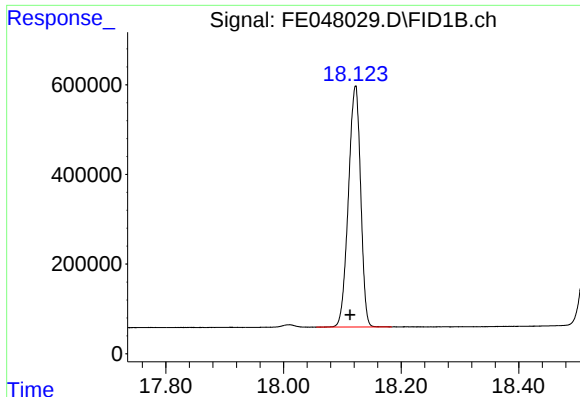
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 7662066
Conc: 57.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.007 min
Response: 7868586
Conc: 59.10 ug/ml



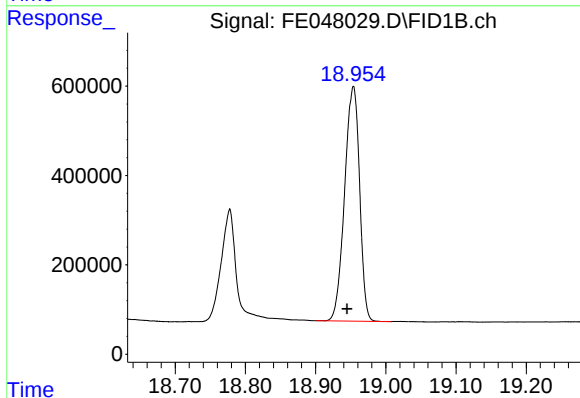
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.009 min
Response: 7761896
Conc: 56.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160783BSD

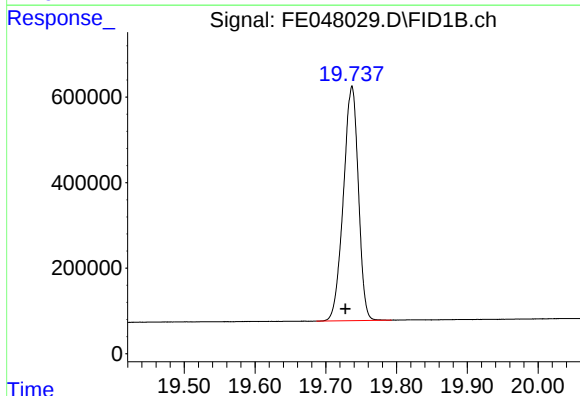
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2024
Supervised By :Ankita Jodhani 05/09/2024



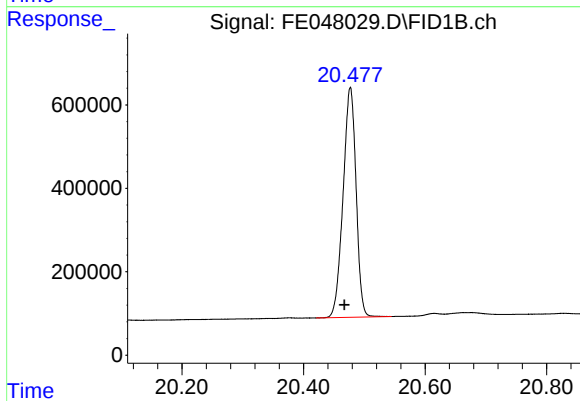
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.009 min
Response: 7778757
Conc: 56.32 ug/ml



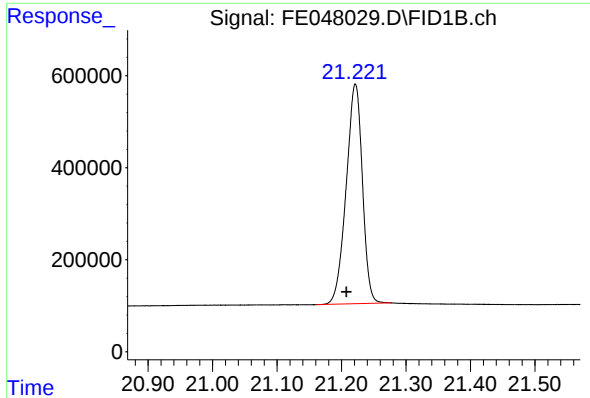
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.009 min
Response: 8077228
Conc: 59.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 8179689
Conc: 60.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.014 min
Response: 8356922
Conc: 60.53 ug/ml

Instrument :

FID_E

ClientSampleId :

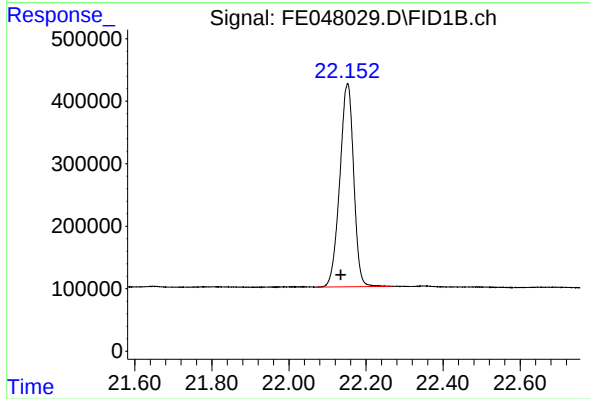
PB160783BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.019 min
Response: 8142601
Conc: 58.44 ug/ml