

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051683.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 15:58
 Operator : YP\AJ
 Sample : P5312-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-VNJ-222MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
 Quant Time: Dec 19 01:10:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.008	4698677	29.267 ug/ml
Spiked Amount 50.000		Recovery =	58.53%
12) S 1-chlorooctadecane (S...	13.428	3825638	30.327 ug/ml
Spiked Amount 50.000		Recovery =	60.65%
Target Compounds			
1) T n-Nonane (C9)	3.490	4773305	39.837 ug/ml
2) T n-Decane (C10)	4.720	5564653	44.756 ug/ml
3) T A~Naphthalene (C11.7)	6.403	6951856	48.785 ug/ml
4) T n-Dodecane (C12)	6.852	6608137	50.785 ug/ml
5) T A~2-methylnaphthalene...	7.485	6919126	48.892 ug/ml
6) T n-Tetradecane (C14)	8.663	7408200	55.252 ug/ml
7) T n-Hexadecane (C16)	10.256	7874450	55.101 ug/ml
8) T n-Octadecane (C18)	11.689	8124804	55.116 ug/mlm
10) T n-Eicosane (C20)	12.989	8284477	57.585 ug/ml
11) T n-Heneicosane (C21)	13.596	7998502	56.285 ug/ml
13) T n-Docosane (C22)	14.177	7806563	55.373 ug/ml
14) T n-Tetracosane (C24)	15.267	15265141	109.409 ug/ml
15) T n-Hexacosane (C26)	16.285	7325287	54.367 ug/ml
16) T n-Octacosane (C28)	17.225	7077236	54.403 ug/ml
17) T n-Tricontane (C30)	18.108	7074331	53.454 ug/ml
18) T n-Dotriacontane (C32)	18.932	6962607	55.538 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6637025	60.325 ug/ml
20) T n-Hexatriacontane (C36)	20.441	6072580	63.248 ug/ml
21) T n-Octatriacontane (C38)	21.177	5887280	65.381 ug/ml
22) T n-Tetracontane (C40)	22.099	5777095	59.189 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
Data File : FE051683.D
Signal(s) : FID1B.ch
Acq On : 18 Dec 2024 15:58
Operator : YP\AJ
Sample : P5312-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

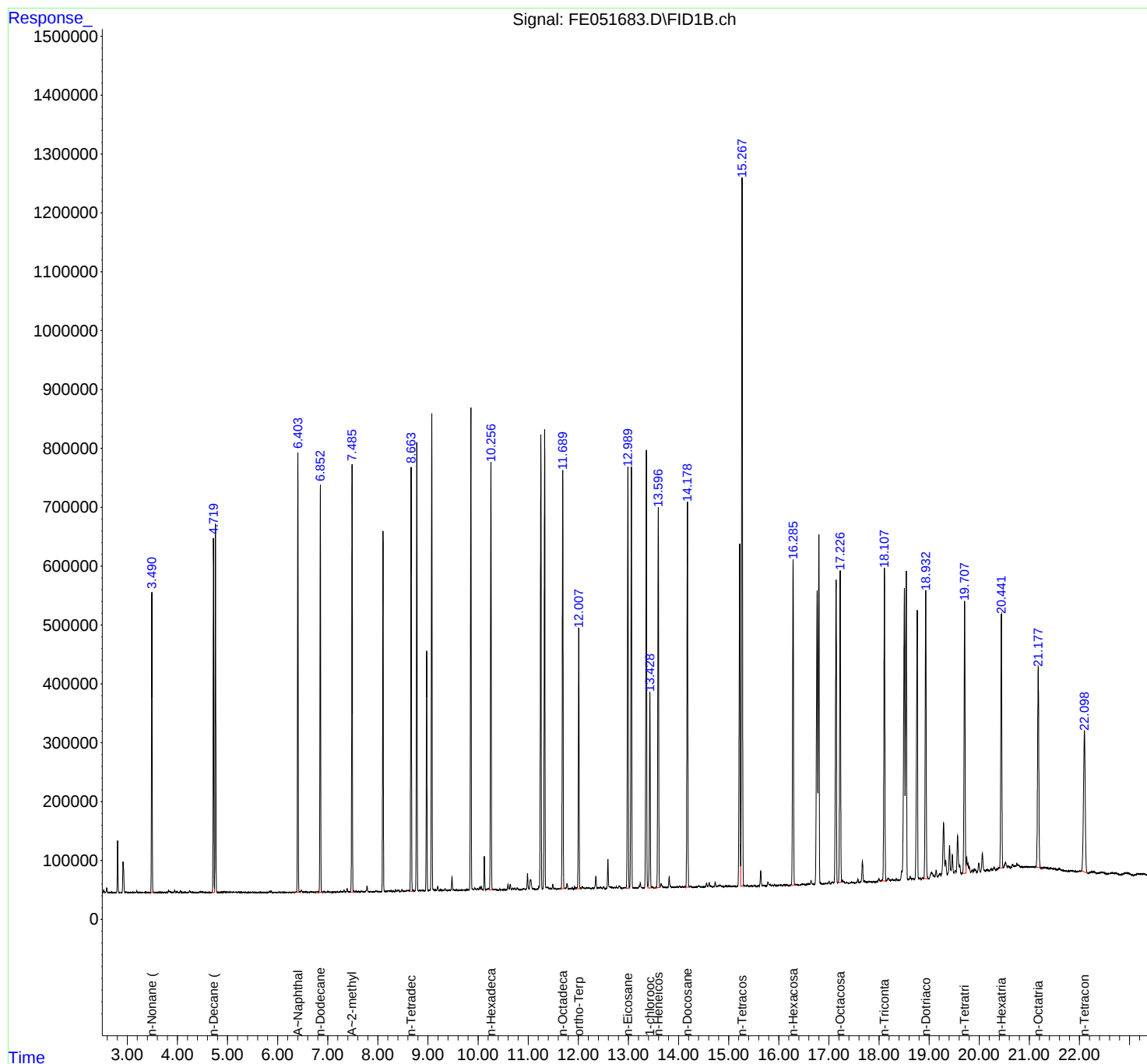
Instrument :
FID_E
ClientSampleId :
SOIL-VNJ-222MSD

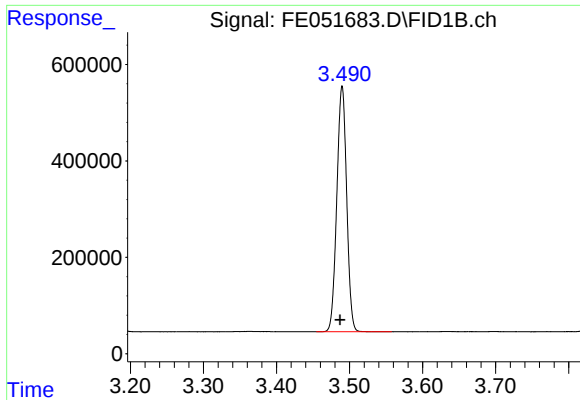
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
Quant Time: Dec 19 01:10:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
Quant Title : GC Extractables
QLast Update : Tue Dec 17 15:04:25 2024
Response via : Initial Calibration
Integrator: ChemStation

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





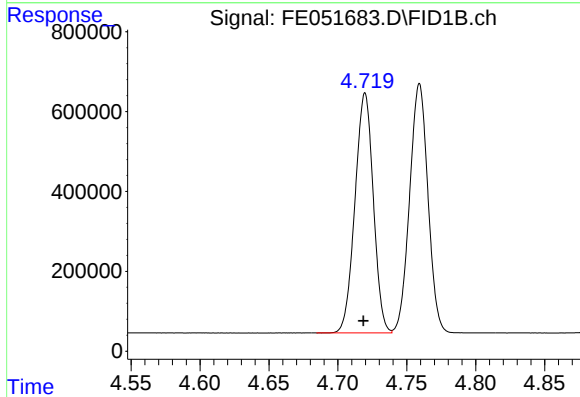
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: 0.003 min
Response: 4773305
Conc: 39.84 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-VNJ-222MSD

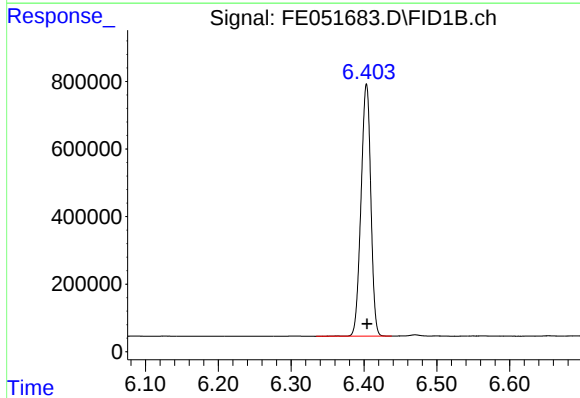
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :Ankita Jodhani 12/19/2024



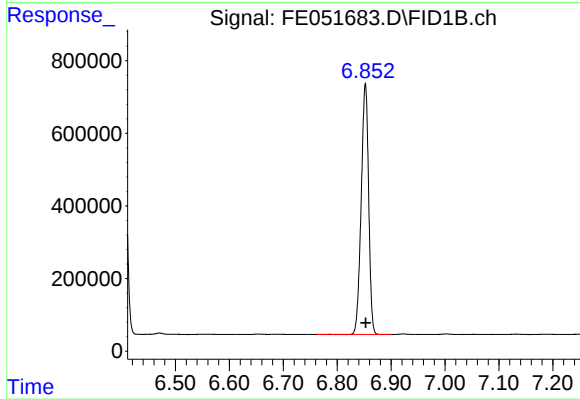
#2 n-Decane (C10)

R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 5564653
Conc: 44.76 ug/ml



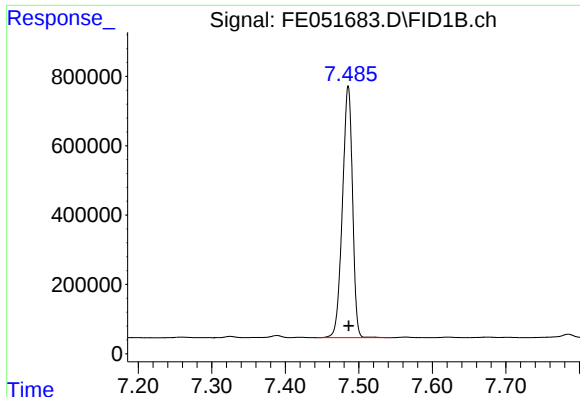
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: -0.001 min
Response: 6951856
Conc: 48.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 6608137
Conc: 50.79 ug/ml



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

R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 6919126
Conc: 48.89 ug/ml

Instrument :

FID_E

ClientSampleId :

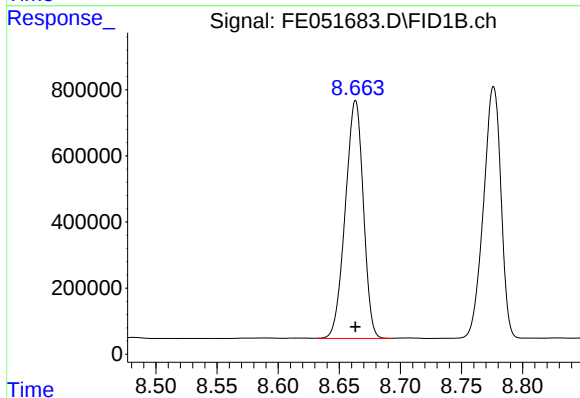
SOIL-VNJ-222MSD

Manual Integrations

APPROVED

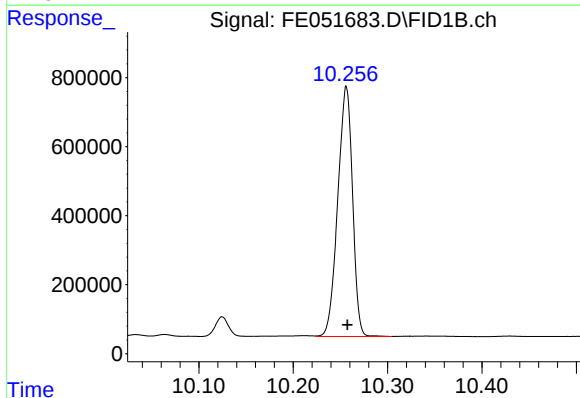
Reviewed By :Yogesh Patel 12/19/2024

Supervised By :Ankita Jodhani 12/19/2024



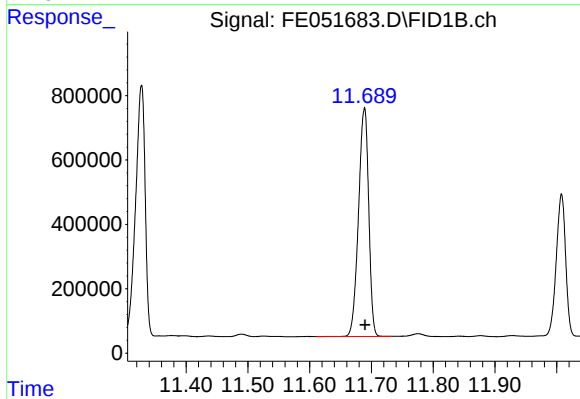
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 7408200
Conc: 55.25 ug/ml



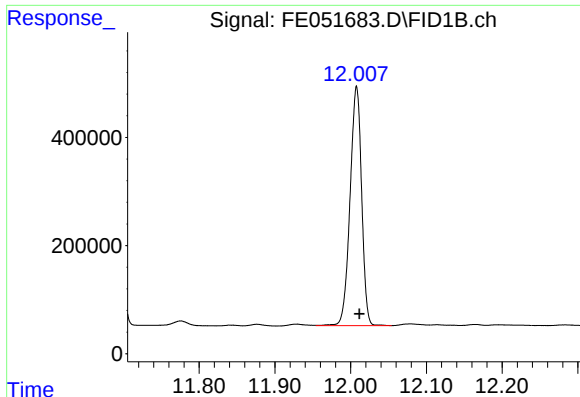
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: -0.001 min
Response: 7874450
Conc: 55.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.689 min
Delta R.T.: 0.000 min
Response: 8124804
Conc: 55.12 ug/ml m



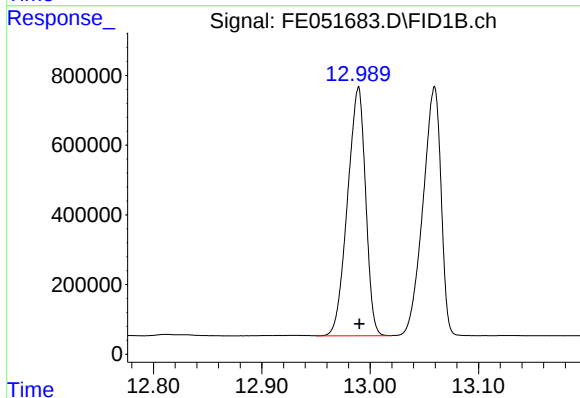
#9 ortho-Terphenyl (SURR)

R.T.: 12.008 min
Delta R.T.: -0.004 min
Response: 4698677
Conc: 29.27 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-VNJ-222MSD

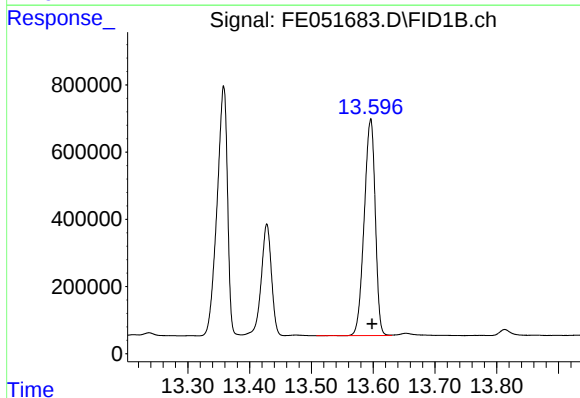
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :Ankita Jodhani 12/19/2024



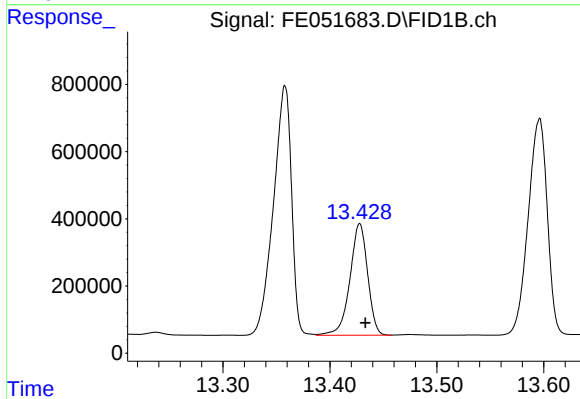
#10 n-Eicosane (C20)

R.T.: 12.989 min
Delta R.T.: -0.001 min
Response: 8284477
Conc: 57.58 ug/ml



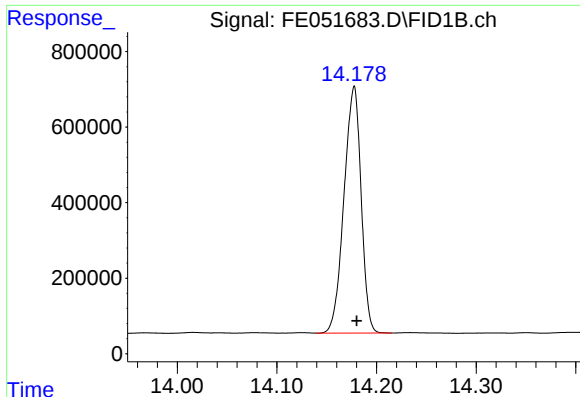
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.003 min
Response: 7998502
Conc: 56.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.428 min
Delta R.T.: -0.005 min
Response: 3825638
Conc: 30.33 ug/ml



#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: -0.003 min
Response: 7806563
Conc: 55.37 ug/ml

Instrument :

FID_E

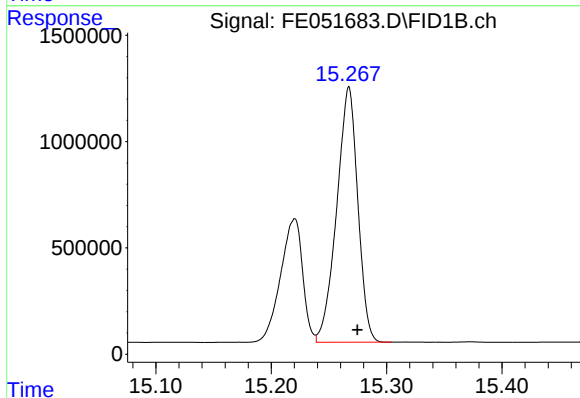
ClientSampleId :

SOIL-VNJ-222MSD

Manual Integrations

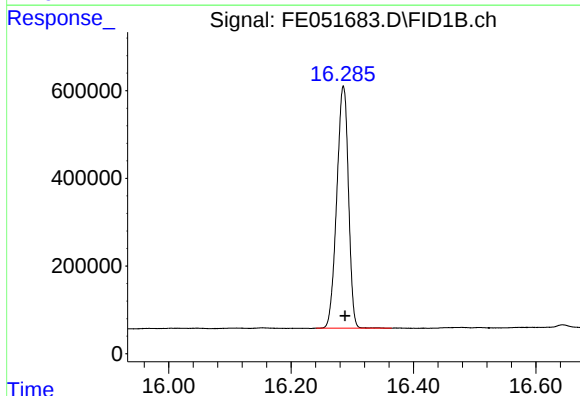
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :Ankita Jodhani 12/19/2024



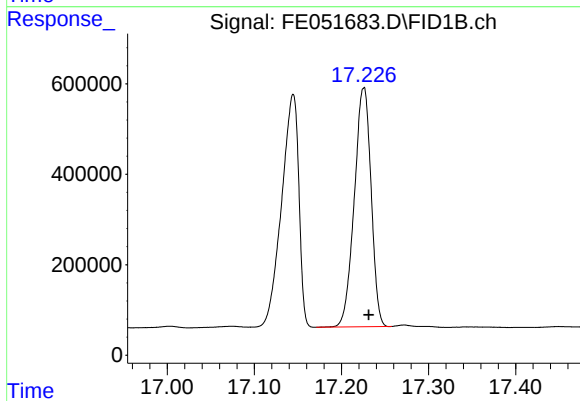
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: -0.008 min
Response: 15265141
Conc: 109.41 ug/ml



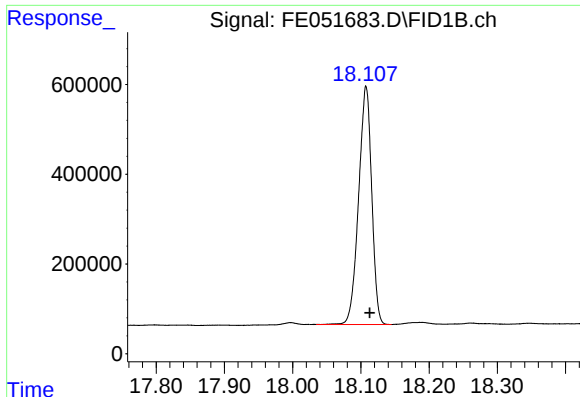
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.003 min
Response: 7325287
Conc: 54.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.006 min
Response: 7077236
Conc: 54.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.006 min
Response: 7074331
Conc: 53.45 ug/ml

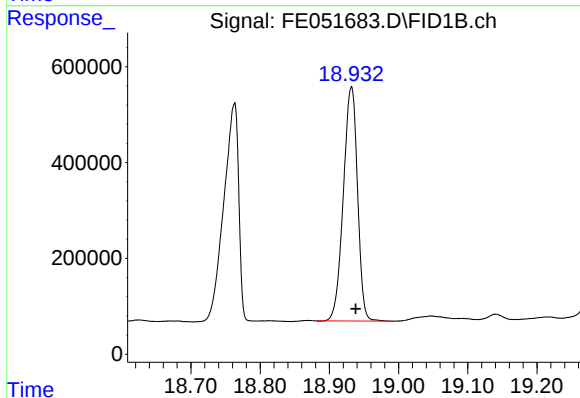
Instrument :

FID_E

ClientSampleId :
SOIL-VNJ-222MSD

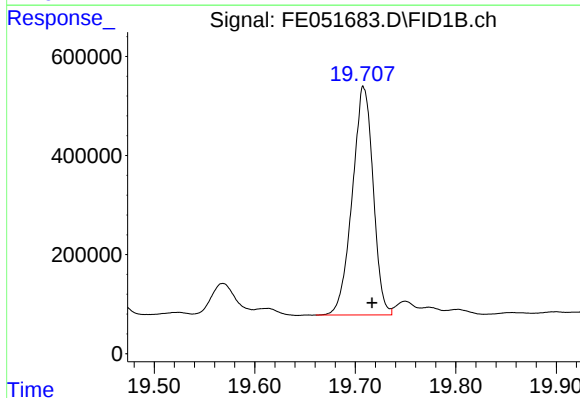
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :Ankita Jodhani 12/19/2024



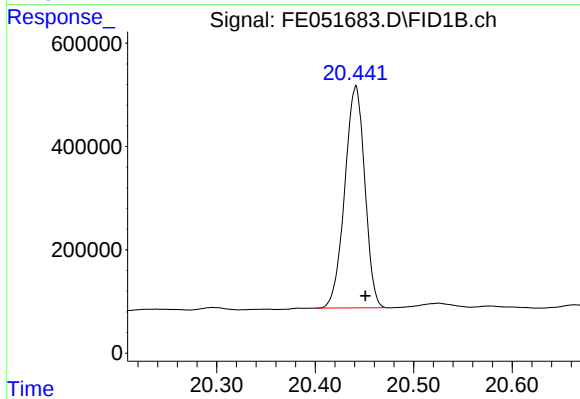
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.007 min
Response: 6962607
Conc: 55.54 ug/ml



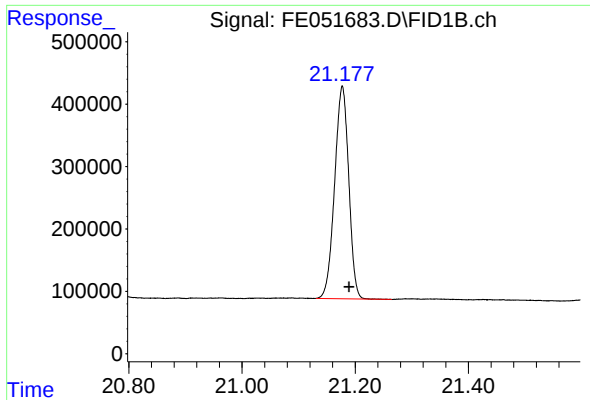
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.008 min
Response: 6637025
Conc: 60.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 6072580
Conc: 63.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.012 min
Response: 5887280
Conc: 65.38 ug/ml

Instrument :

FID_E

ClientSampleId :

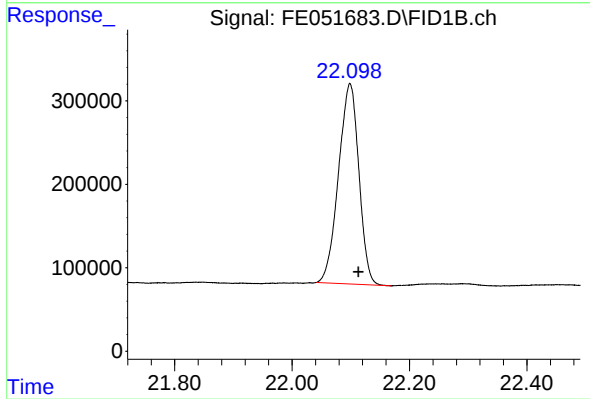
SOIL-VNJ-222MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2024

Supervised By :Ankita Jodhani 12/19/2024



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.015 min
Response: 5777095
Conc: 59.19 ug/ml