

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045137.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 15:21
 Operator : YP\AJ
 Sample : PB156827BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156827BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e

Quant Time: Nov 01 23:49:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 2023

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)	11.897	6929120	34.565 ug/ml
Spiked Amount 50.000		Recovery =	69.13%
12) S 1-chlorooctadecane (S...	13.339	5323868	35.976 ug/ml
Spiked Amount 50.000		Recovery =	71.95%
Target Compounds			
1) T n-Nonane (C9)	3.290	6839069	40.769 ug/ml
2) T n-Decane (C10)	4.537	7535305	44.234 ug/ml
3) T A~Naphthalene (C11.7)	6.233	8257557	44.607 ug/ml
4) T n-Dodecane (C12)	6.698	7976629	46.209 ug/ml
5) T A~2-methylnaphthalene...	7.329	7990256	44.294 ug/ml
6) T n-Tetradecane (C14)	8.526	7942026	46.315 ug/ml
7) T n-Hexadecane (C16)	10.136	7846561	44.871 ug/ml
8) T n-Octadecane (C18)	11.583	7747848	44.422 ug/ml
10) T n-Eicosane (C20)	12.895	7586786	45.422 ug/ml
11) T n-Heneicosane (C21)	13.508	7201361	44.177 ug/ml
13) T n-Docosane (C22)	14.095	7103466	44.410 ug/ml
14) T n-Tetracosane (C24)	15.186	14059151	90.590 ug/ml
15) T n-Hexacosane (C26)	16.226	6823487	45.449 ug/ml
16) T n-Octacosane (C28)	17.177	6905687	47.027 ug/ml
17) T n-Tricontane (C30)	18.070	6882003	46.272 ug/ml
18) T n-Dotriacontane (C32)	18.901	6942283	46.253 ug/ml
19) T n-Tetratriacontane (C34)	19.686	7060825	47.431 ug/mlm
20) T n-Hexatriacontane (C36)	20.429	6938078	45.128 ug/mlm
21) T n-Octatriacontane (C38)	21.169	7190220	46.029 ug/mlm
22) T n-Tetracontane (C40)	22.090	7525845	45.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
Data File : FE045137.D
Signal(s) : FID1B.ch
Acq On : 01 Nov 2023 15:21
Operator : YP\AJ
Sample : PB156827BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156827BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e

Quant Time: Nov 01 23:49:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Sample Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 2023

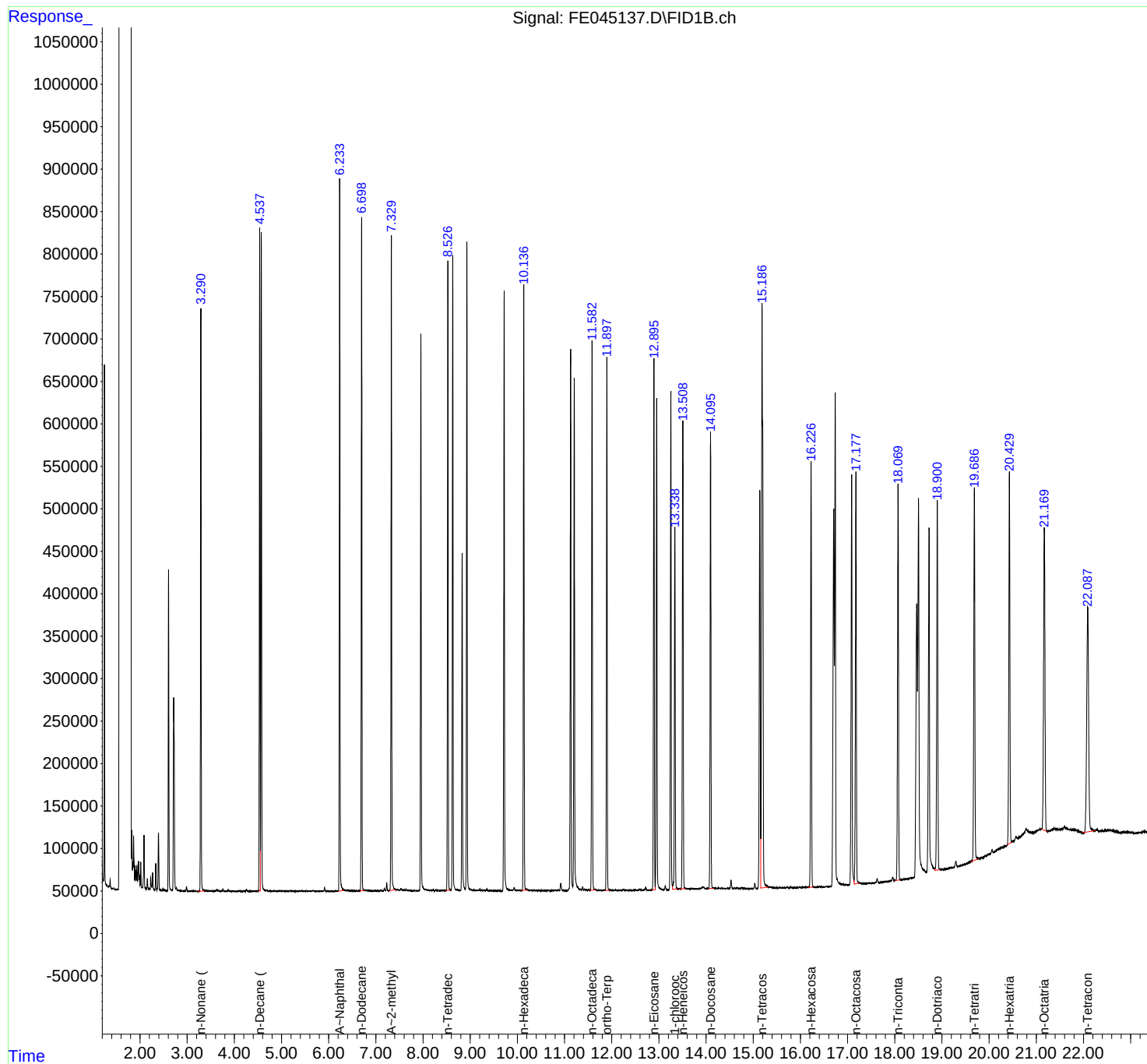
Response via : Initial Calibration

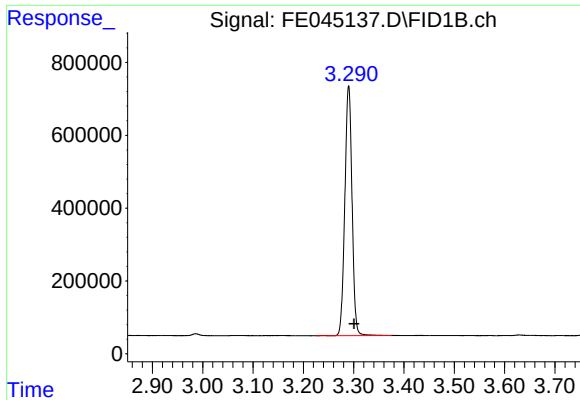
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 6839069
Conc: 40.77 ug/ml

Instrument :

FID_E

ClientSampleId :

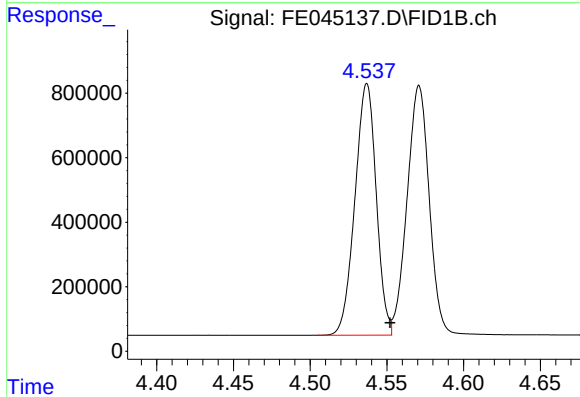
PB156827BS

Manual Integrations

APPROVED

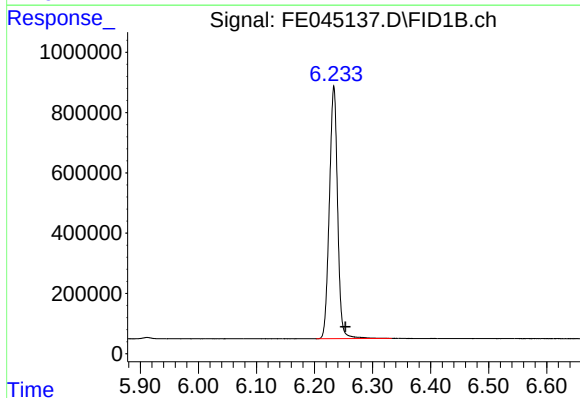
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



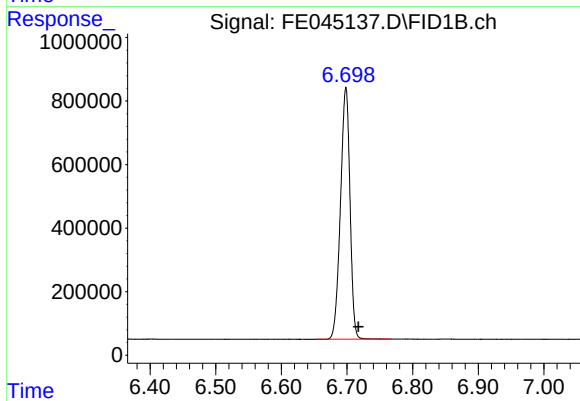
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.015 min
Response: 7535305
Conc: 44.23 ug/ml



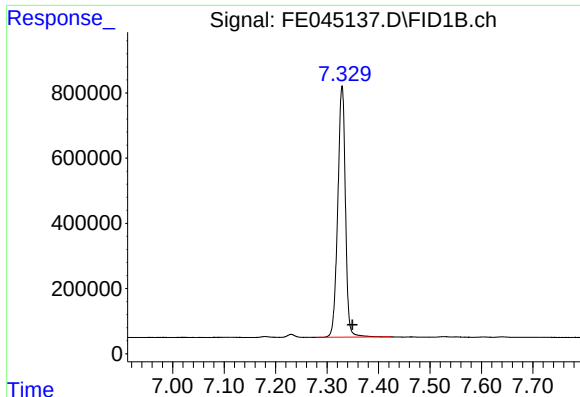
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.020 min
Response: 8257557
Conc: 44.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.019 min
Response: 7976629
Conc: 46.21 ug/ml



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

R.T.: 7.329 min
Delta R.T.: -0.020 min
Response: 7990256
Conc: 44.29 ug/ml

Instrument :

FID_E

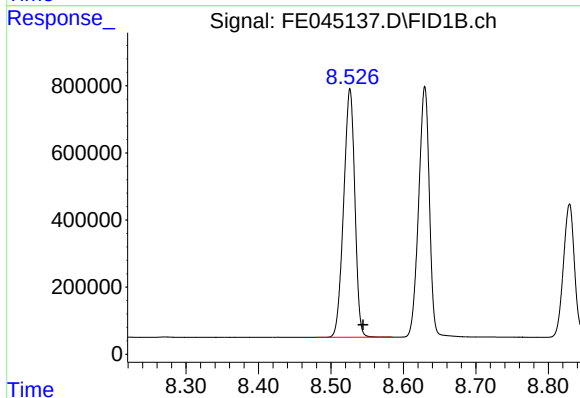
ClientSampleId :

PB156827BS

Manual Integrations

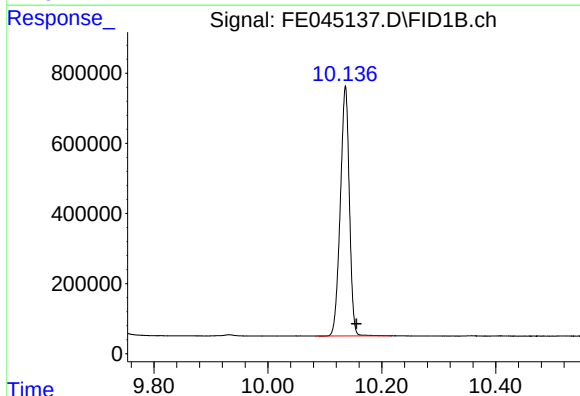
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



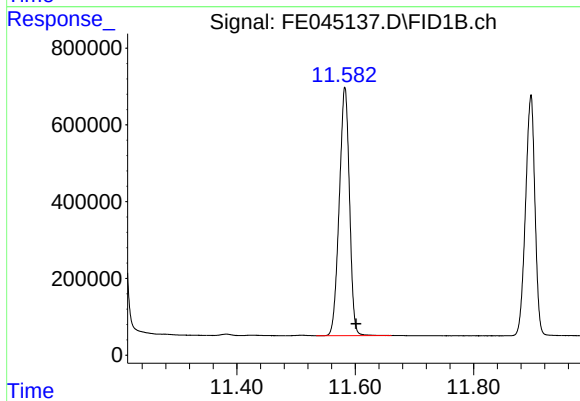
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 7942026
Conc: 46.31 ug/ml



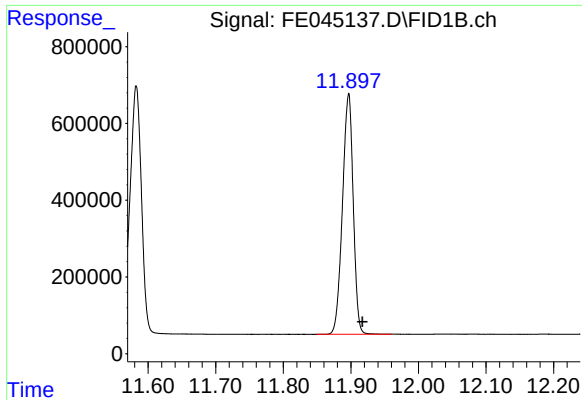
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 7846561
Conc: 44.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.019 min
Response: 7747848
Conc: 44.42 ug/ml



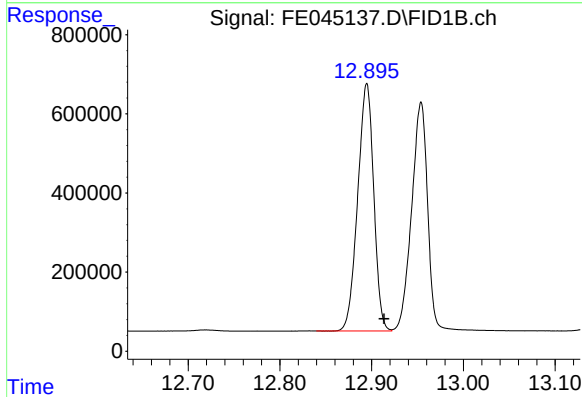
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: -0.020 min
Response: 6929120
Conc: 34.57 ug/ml

Instrument :
FID_E
ClientSampleId :
PB156827BS

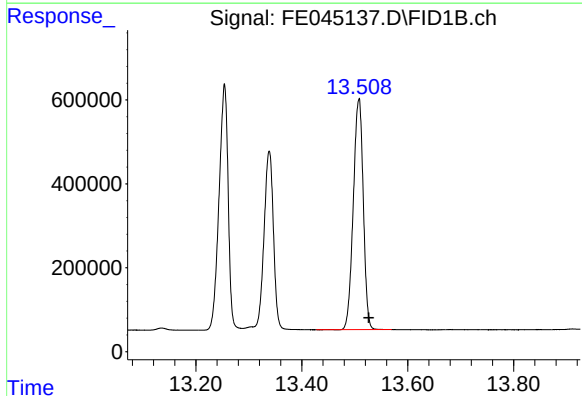
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



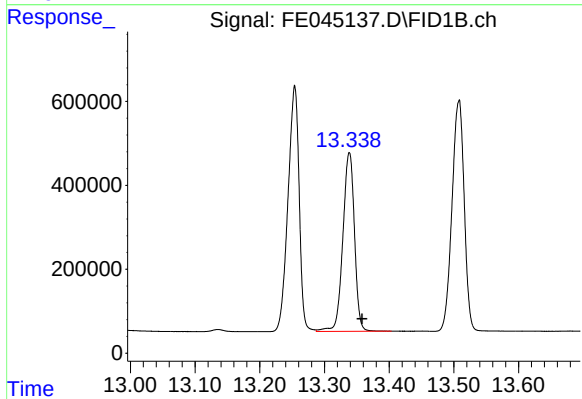
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.019 min
Response: 7586786
Conc: 45.42 ug/ml



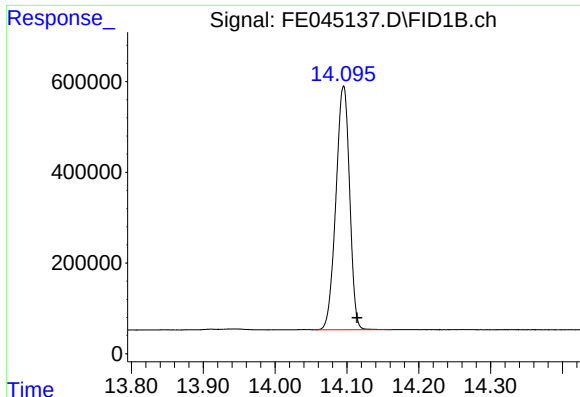
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.019 min
Response: 7201361
Conc: 44.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.020 min
Response: 5323868
Conc: 35.98 ug/ml



#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 7103466
Conc: 44.41 ug/ml

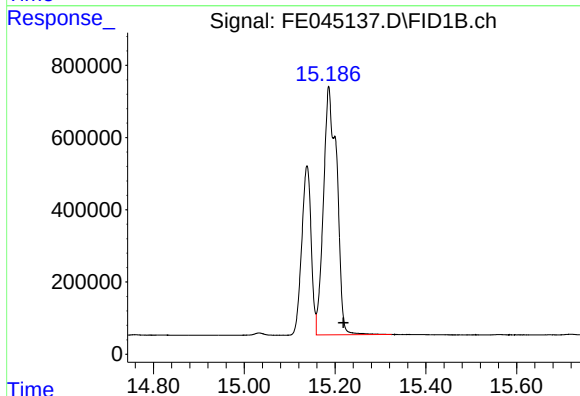
Instrument :

FID_E

ClientSampleId :
PB156827BS

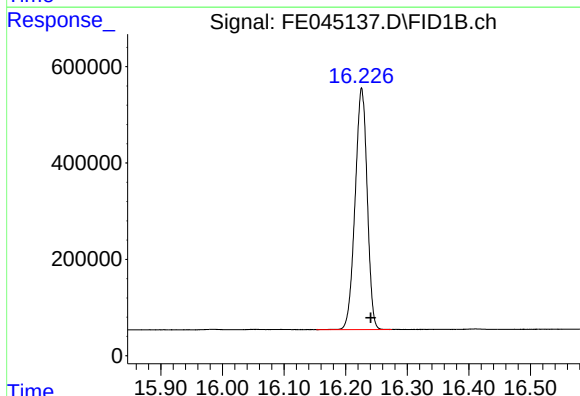
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



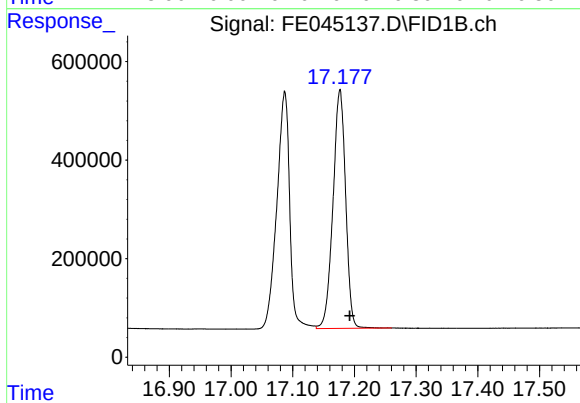
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.032 min
Response: 14059151
Conc: 90.59 ug/ml



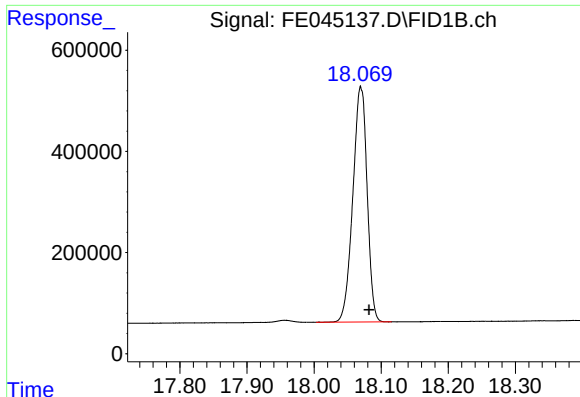
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.015 min
Response: 6823487
Conc: 45.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.016 min
Response: 6905687
Conc: 47.03 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.012 min
Response: 6882003
Conc: 46.27 ug/ml

Instrument :

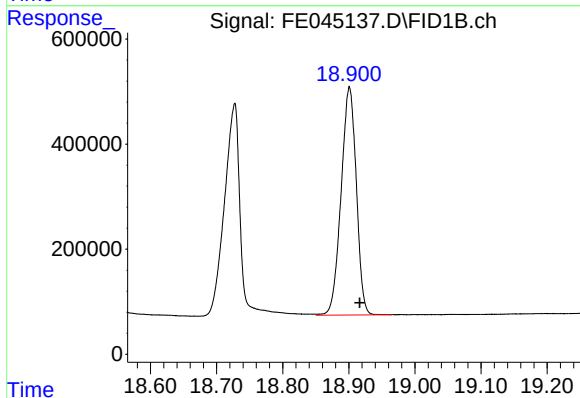
FID_E

ClientSampleId :

PB156827BS

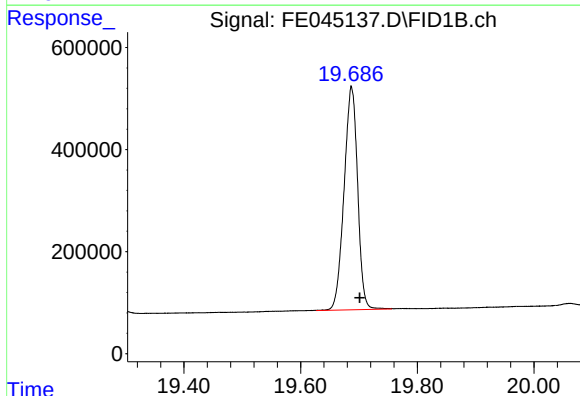
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



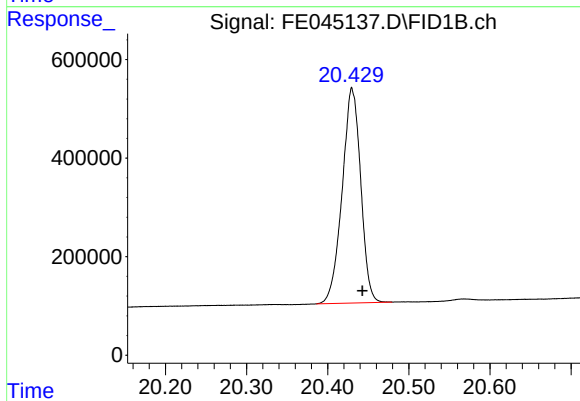
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 6942283
Conc: 46.25 ug/ml



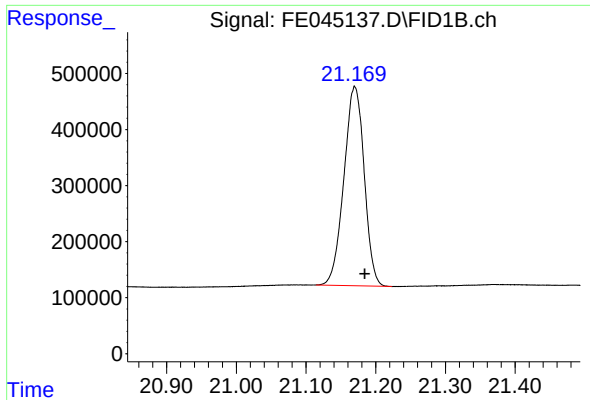
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 7060825
Conc: 47.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.014 min
Response: 6938078
Conc: 45.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.015 min
Response: 7190220
Conc: 46.03 ug/ml

Instrument :

FID_E

ClientSampleId :

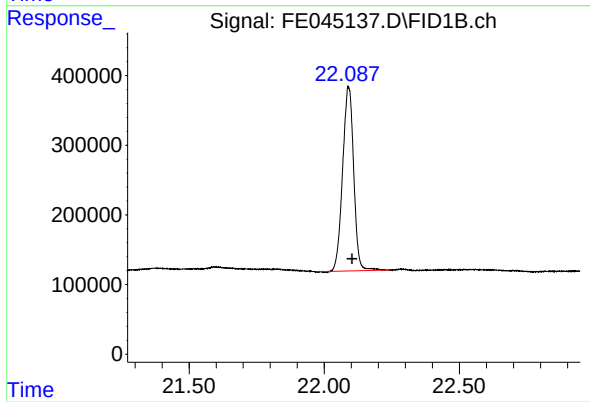
PB156827BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: -0.014 min
Response: 7525845
Conc: 45.03 ug/ml