

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047892.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2024 21:36
 Operator : YP\AJ
 Sample : P2307-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 01 01:20:51 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)	11.976	4890089	33.897 ug/ml
Spiked Amount 50.000		Recovery =	67.79%
12) S 1-chlorooctadecane (S...	13.410	6142145	54.968 ug/mlm
Spiked Amount 50.000		Recovery =	109.94%
Target Compounds			
1) T n-Nonane (C9)	3.353	3653360	28.347 ug/ml
2) T n-Decane (C10)	4.607	4154214	31.554 ug/ml
3) T A~Naphthalene (C11.7)	6.314	4790144	34.690 ug/ml
4) T n-Dodecane (C12)	6.773	4772393	35.799 ug/ml
5) T A~2-methylnaphthalene...	7.411	5078339	38.161 ug/ml
6) T n-Tetradecane (C14)	8.604	5459704	41.199 ug/ml
7) T n-Hexadecane (C16)	10.211	5968435	43.396 ug/ml
8) T n-Octadecane (C18)	11.654	5902858	42.376 ug/ml
10) T n-Eicosane (C20)	12.965	6301753	46.803 ug/mlm
11) T n-Heneicosane (C21)	13.577	6286632	47.491 ug/mlm
13) T n-Docosane (C22)	14.163	6152229	46.425 ug/ml
14) T n-Tetracosane (C24)	15.265	15756112	118.331 ug/ml
15) T n-Hexacosane (C26)	16.286	6038694	45.253 ug/ml
16) T n-Octacosane (C28)	17.234	7297891	54.811 ug/mlm
17) T n-Tricontane (C30)	18.123	6009467	43.543 ug/ml
18) T n-Dotriacontane (C32)	18.954	5637350	40.813 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	5840456	42.874 ug/ml
20) T n-Hexatriacontane (C36)	20.476	5905896	43.618 ug/ml
21) T n-Octatriacontane (C38)	21.219	5946266	43.068 ug/ml
22) T n-Tetracontane (C40)	22.148	5927088	42.542 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
Data File : FE047892.D
Signal(s) : FID1B.ch
Acq On : 30 Apr 2024 21:36
Operator : YP\AJ
Sample : P2307-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

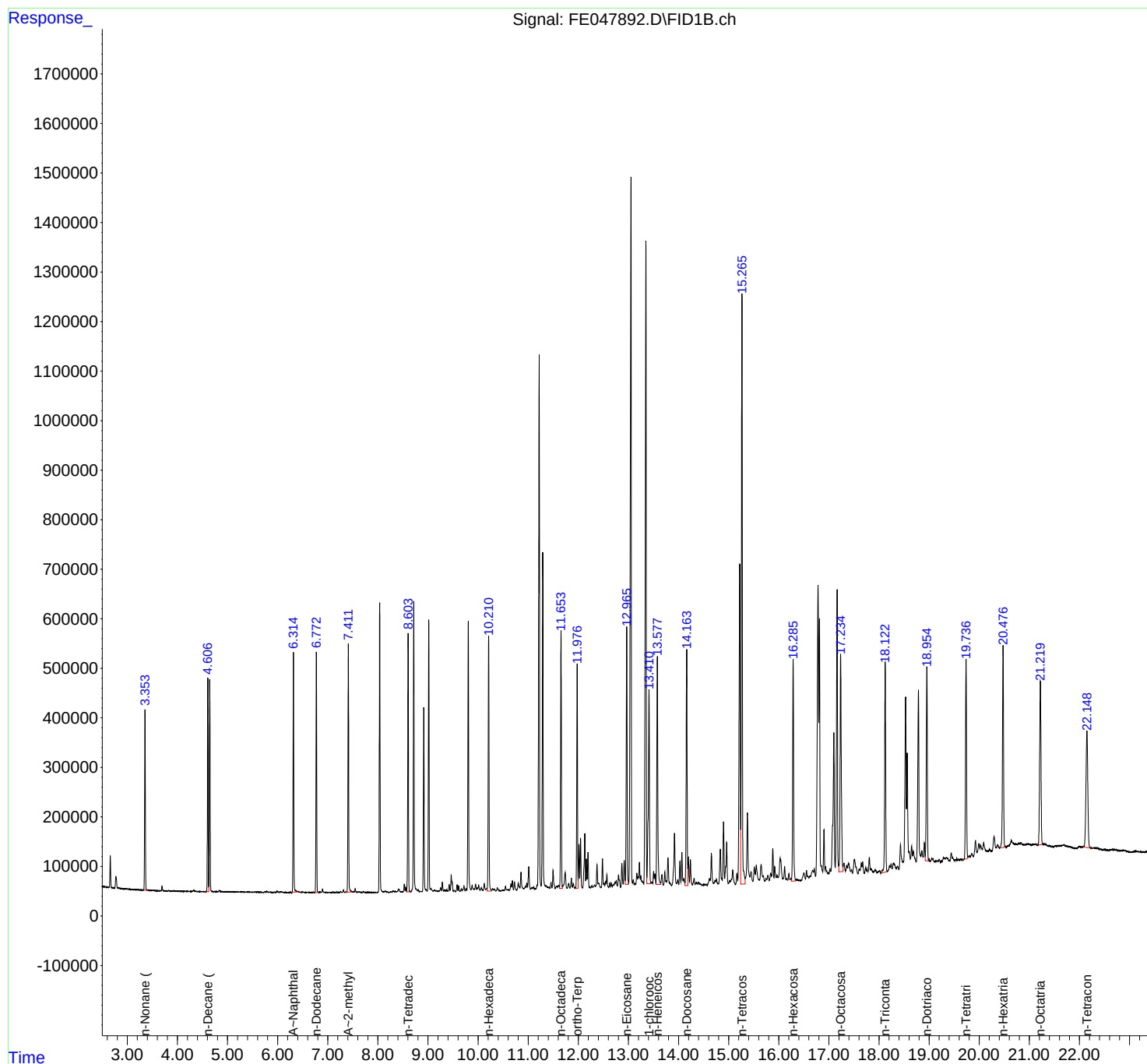
Instrument :
FID_E
ClientSampleId :
WC-2MSD

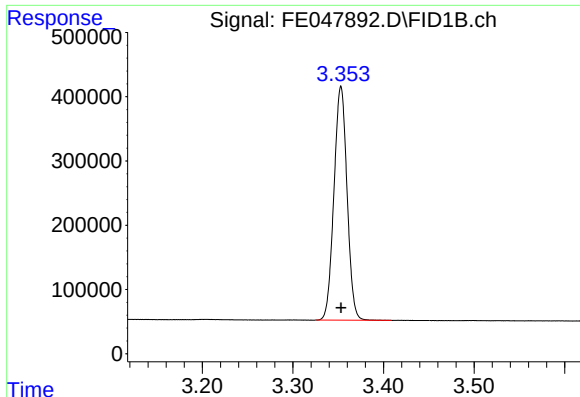
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
Quant Time: May 01 01:20:51 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





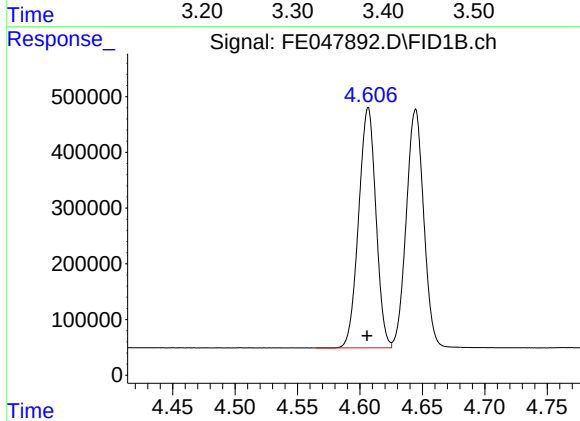
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 3653360
Conc: 28.35 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

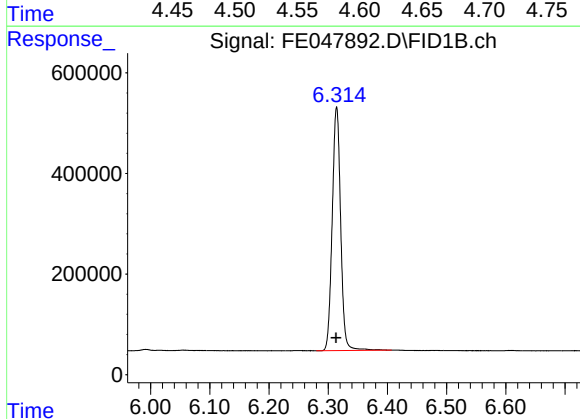
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



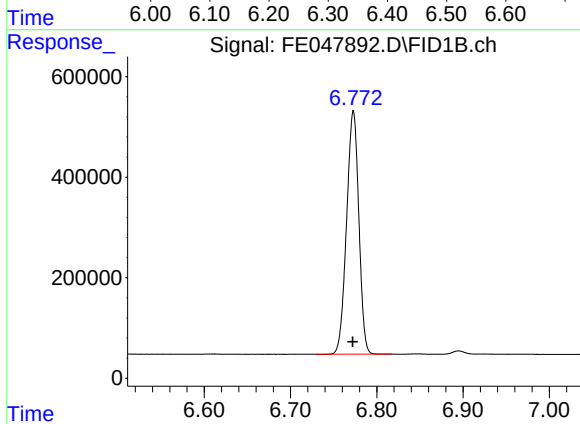
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 4154214
Conc: 31.55 ug/ml



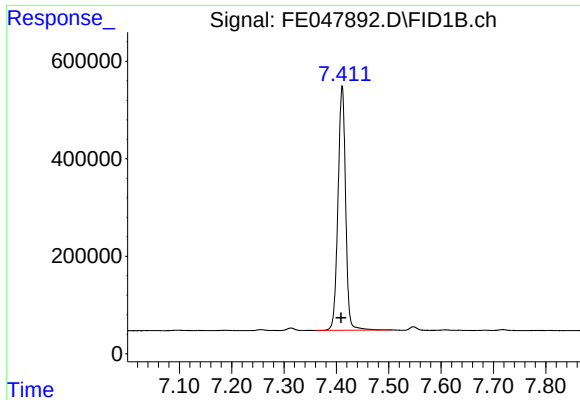
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 4790144
Conc: 34.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 4772393
Conc: 35.80 ug/ml



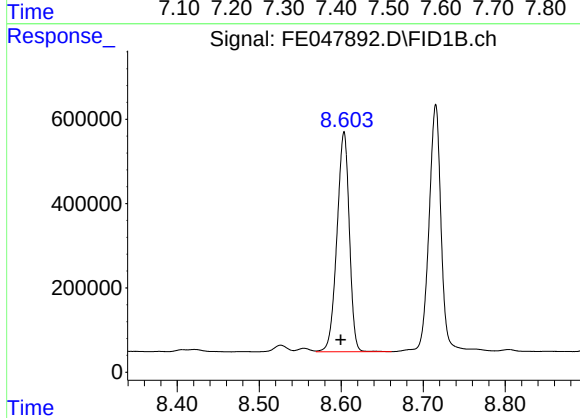
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 5078339
Conc: 38.16 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

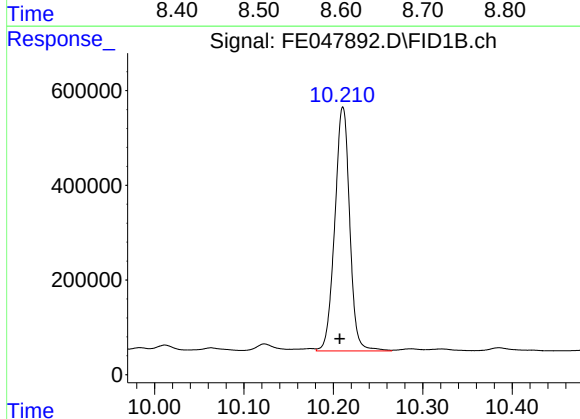
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



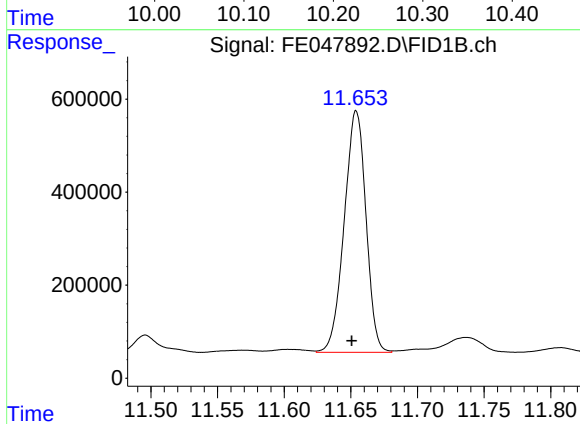
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 5459704
Conc: 41.20 ug/ml



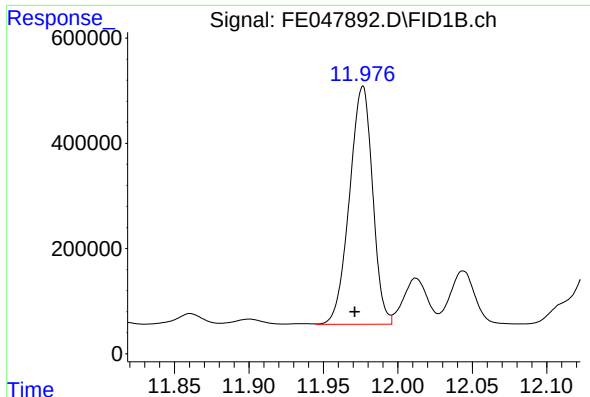
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 5968435
Conc: 43.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.004 min
Response: 5902858
Conc: 42.38 ug/ml



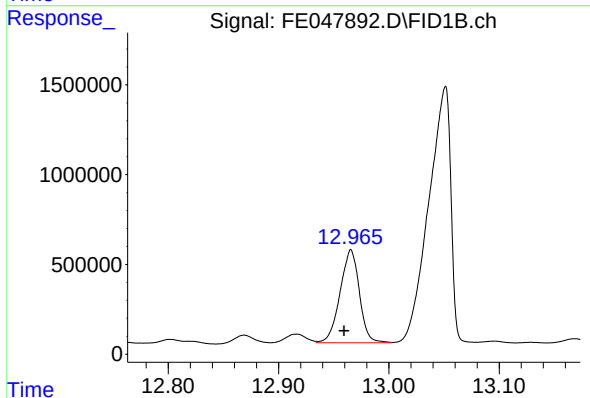
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 4890089
Conc: 33.90 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

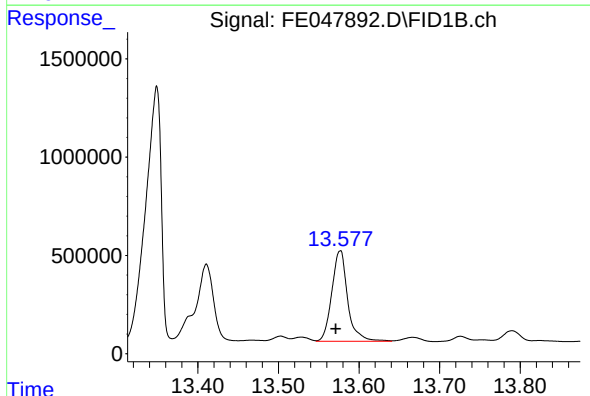
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



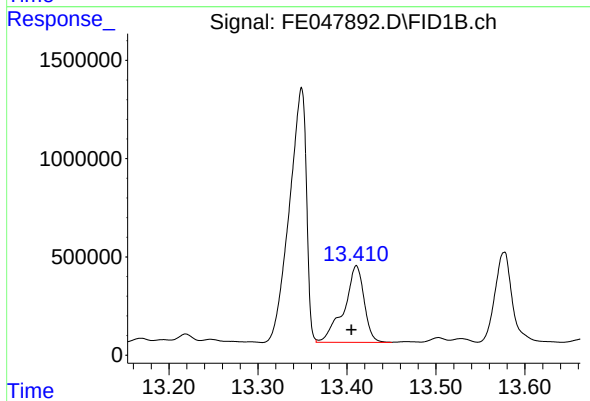
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 6301753
Conc: 46.80 ug/ml m



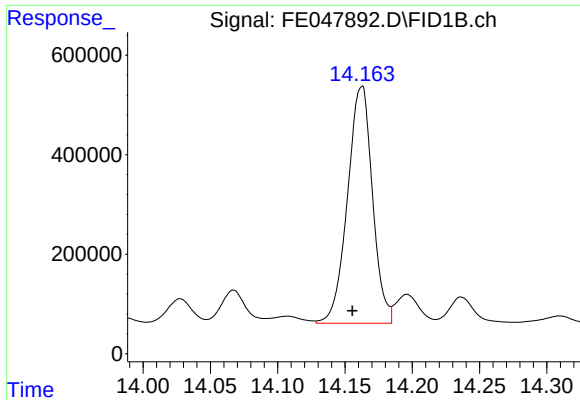
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.006 min
Response: 6286632
Conc: 47.49 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.005 min
Response: 6142145
Conc: 54.97 ug/ml m



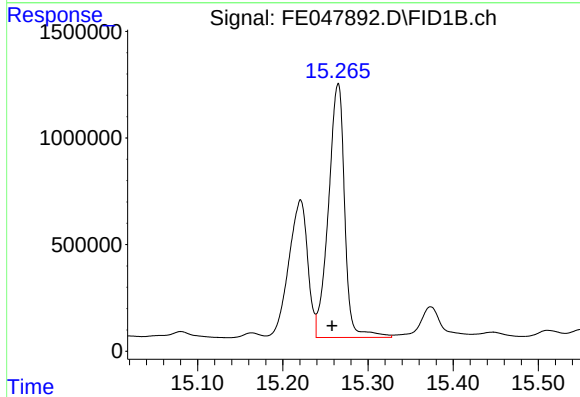
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.007 min
Response: 6152229
Conc: 46.42 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

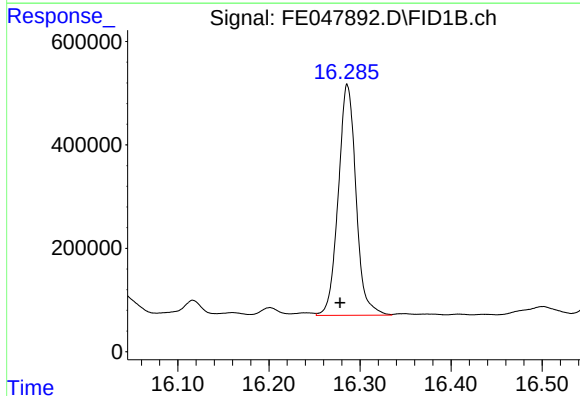
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



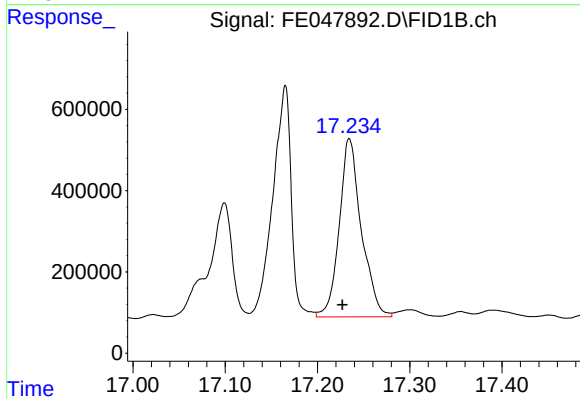
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 15756112
Conc: 118.33 ug/ml



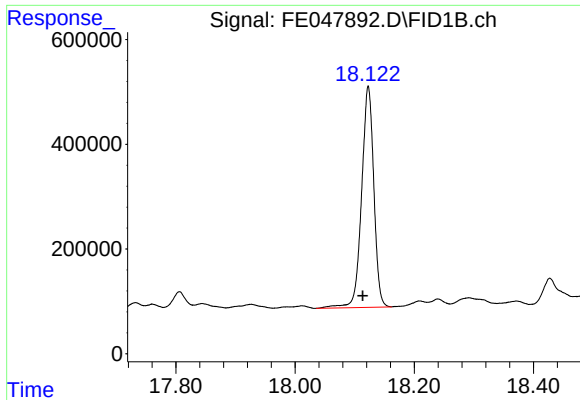
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 6038694
Conc: 45.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.007 min
Response: 7297891
Conc: 54.81 ug/ml m



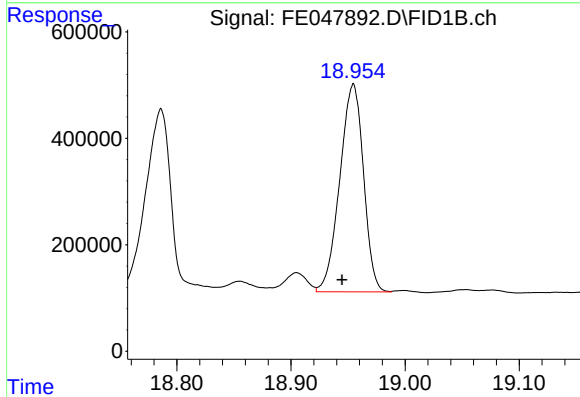
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.009 min
Response: 6009467
Conc: 43.54 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

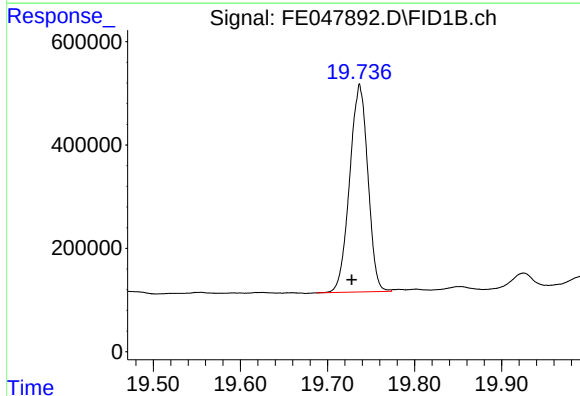
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



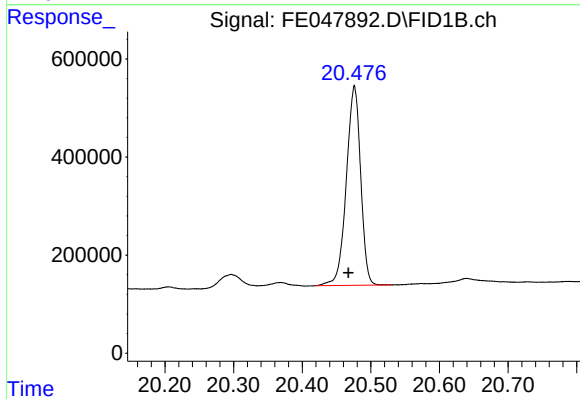
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.010 min
Response: 5637350
Conc: 40.81 ug/ml m



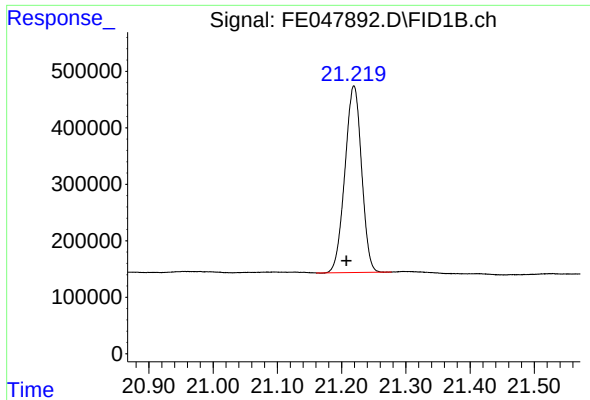
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.009 min
Response: 5840456
Conc: 42.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.009 min
Response: 5905896
Conc: 43.62 ug/ml



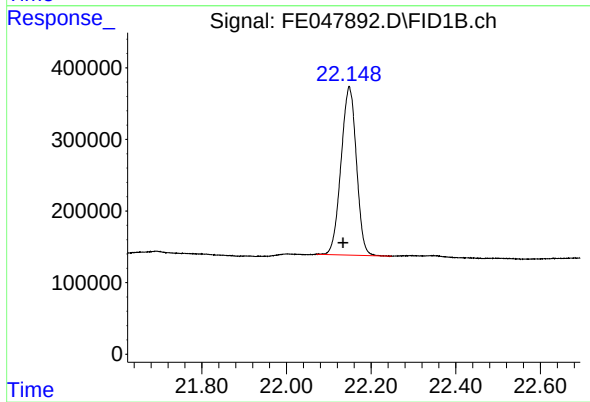
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.012 min
Response: 5946266
Conc: 43.07 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.014 min
Response: 5927088
Conc: 42.54 ug/ml