

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042885.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2023 23:38
 Operator : YP\AJ
 Sample : 03392-08MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SB-64MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e

Quant Time: Jun 25 05:10:19 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 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)	11.925	4302785	23.422 ug/ml
Spiked Amount 50.000		Recovery =	46.84%
12) S 1-chlorooctadecane (S...	13.361	3574071	26.262 ug/ml
Spiked Amount 50.000		Recovery =	52.52%
Target Compounds			
1) T n-Nonane (C9)	3.304	3765259	24.375 ug/ml
2) T n-Decane (C10)	4.555	4209911	26.652 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4984618	29.438 ug/ml
4) T n-Dodecane (C12)	6.724	4644472	29.016 ug/ml
5) T A~2-methylnaphthalene...	7.362	4978686	30.707 ug/ml
6) T n-Tetradecane (C14)	8.555	4874002	30.625 ug/ml
7) T n-Hexadecane (C16)	10.162	5138114	31.197 ug/ml
8) T n-Octadecane (C18)	11.606	5508521	33.140 ug/ml
10) T n-Eicosane (C20)	12.916	5317753	33.512 ug/ml
11) T n-Heneicosane (C21)	13.528	5205459	33.646 ug/ml
13) T n-Docosane (C22)	14.114	5119269	33.606 ug/ml
14) T n-Tetracosane (C24)	15.212	9725150	65.545 ug/ml
15) T n-Hexacosane (C26)	16.241	4767332	33.347 ug/ml
16) T n-Octacosane (C28)	17.189	4674445	33.703 ug/ml
17) T n-Tricontane (C30)	18.078	4557661	32.226 ug/ml
18) T n-Dotriacontane (C32)	18.910	4515287	32.192 ug/ml
19) T n-Tetratriacontane (C34)	19.694	4356470	31.835 ug/mlm
20) T n-Hexatriacontane (C36)	20.434	4242995	31.727 ug/mlm
21) T n-Octatriacontane (C38)	21.178	4187009	30.710 ug/ml
22) T n-Tetracontane (C40)	22.102	4365987	31.381 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
Data File : FE042885.D
Signal(s) : FID1B.ch
Acq On : 24 Jun 2023 23:38
Operator : YP\AJ
Sample : 03392-08MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

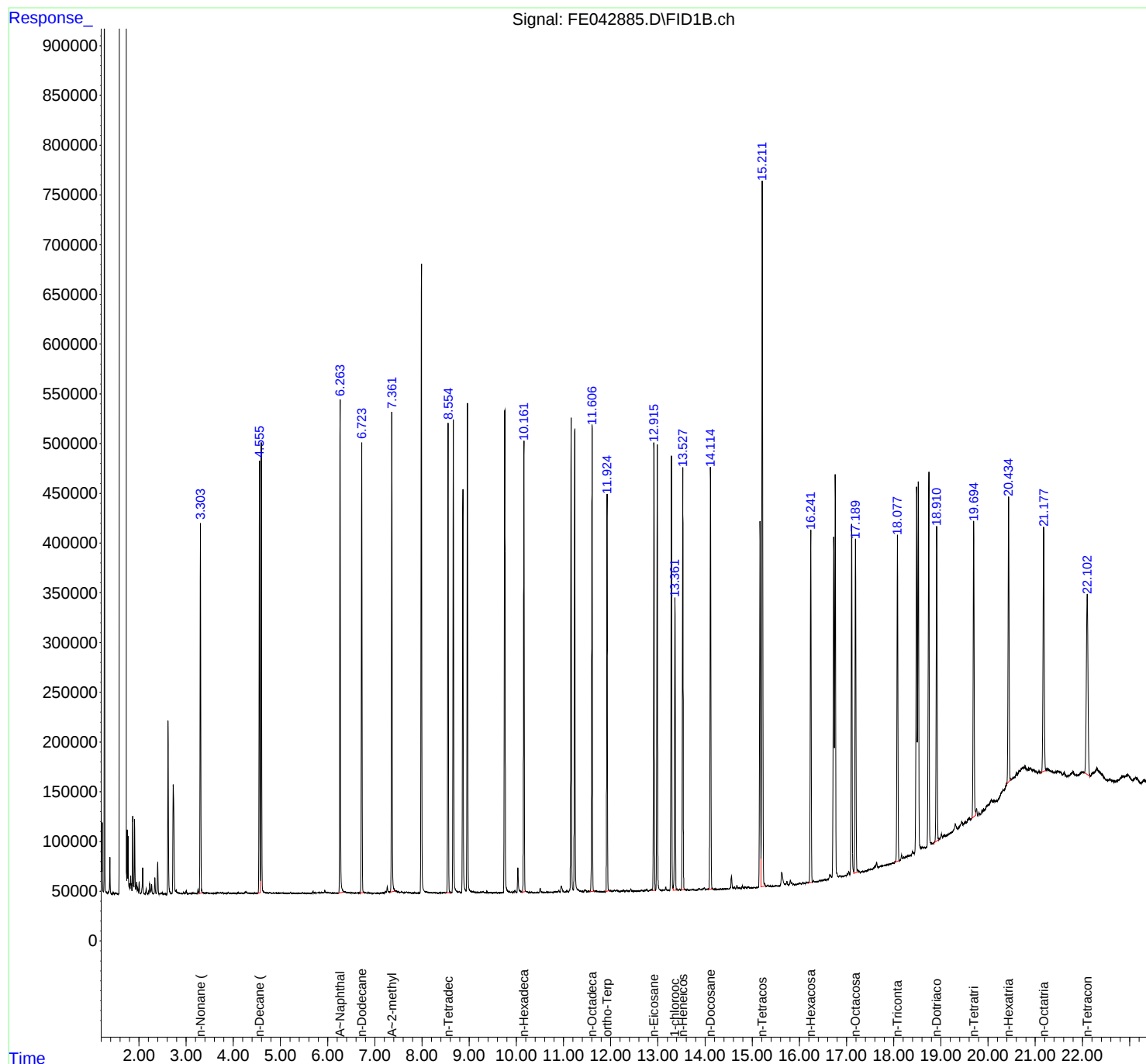
Instrument :
FID_E
ClientSampleId :
SB-64MS

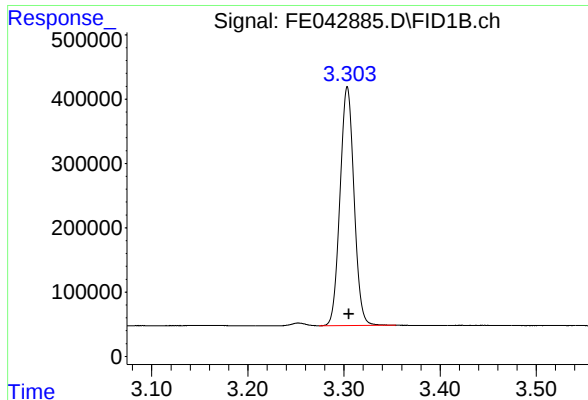
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
Quant Time: Jun 25 05:10:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 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.: 3.304 min
Delta R.T.: -0.001 min
Response: 3765259
Conc: 24.38 ug/ml

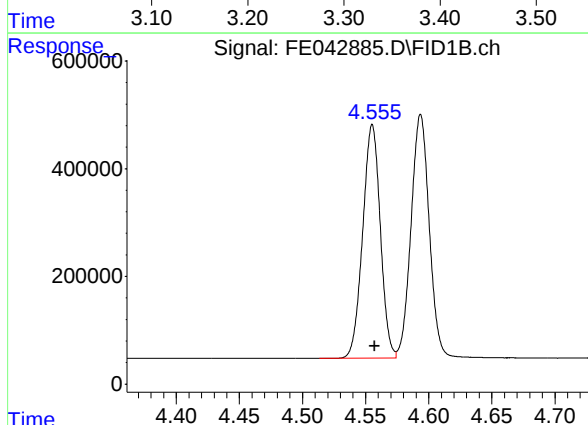
Instrument :

FID_E

ClientSampleId :
SB-64MS

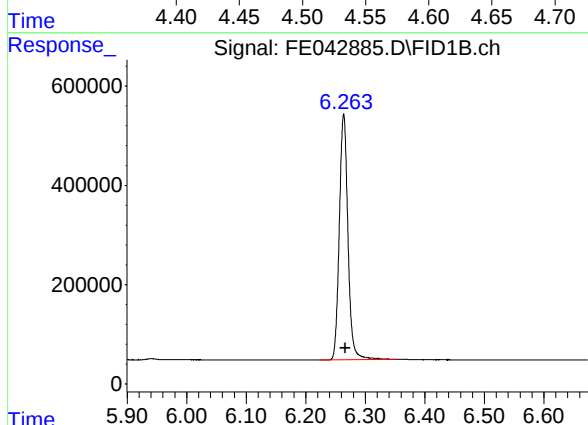
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



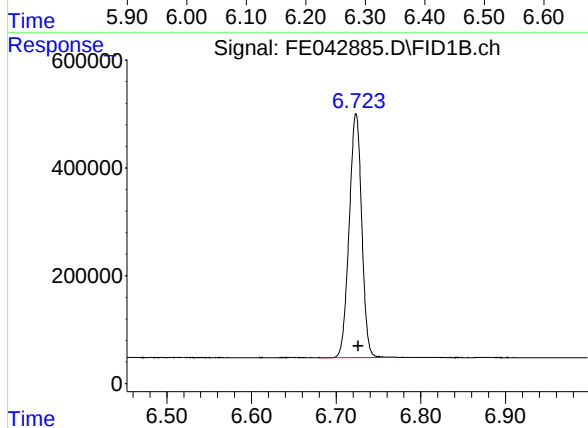
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 4209911
Conc: 26.65 ug/ml



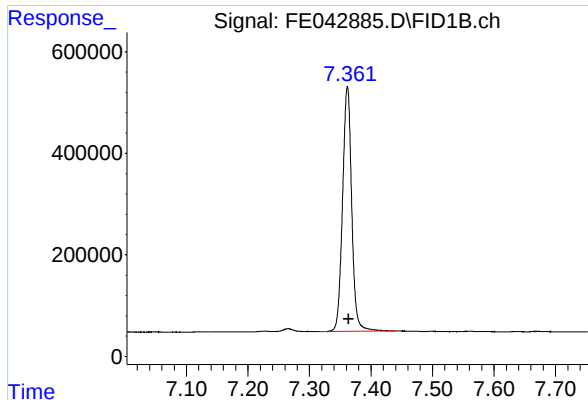
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 4984618
Conc: 29.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 4644472
Conc: 29.02 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.002 min
Response: 4978686
Conc: 30.71 ug/ml

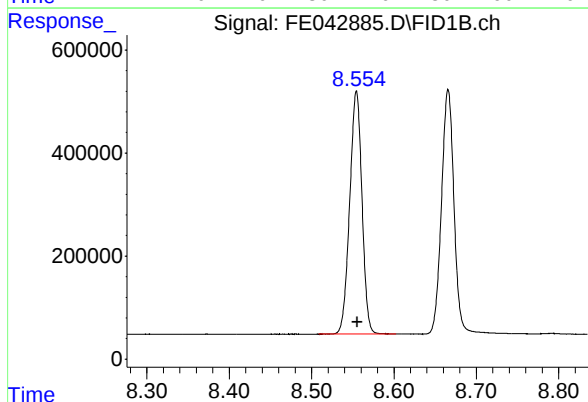
Instrument :

FID_E

ClientSampleId :
SB-64MS

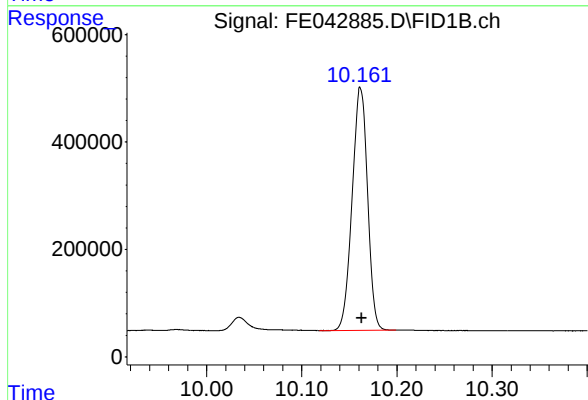
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



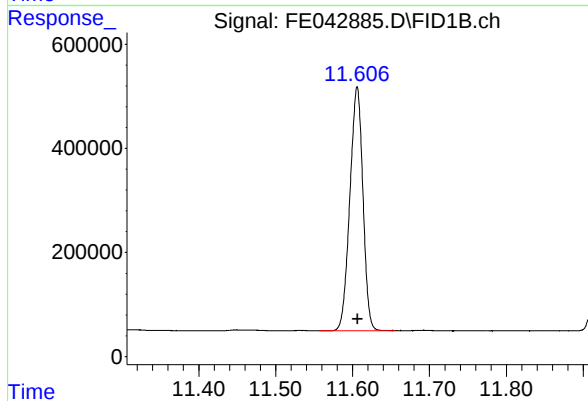
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.001 min
Response: 4874002
Conc: 30.63 ug/ml



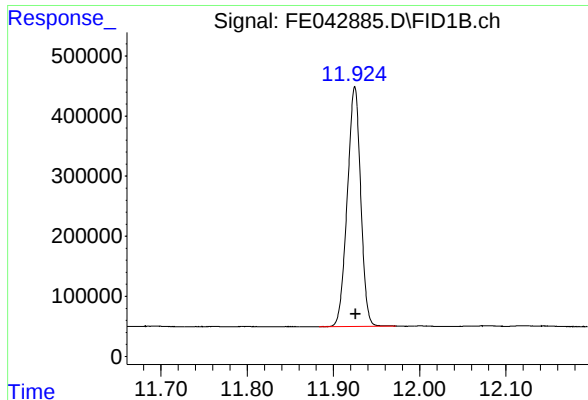
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 5138114
Conc: 31.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 5508521
Conc: 33.14 ug/ml



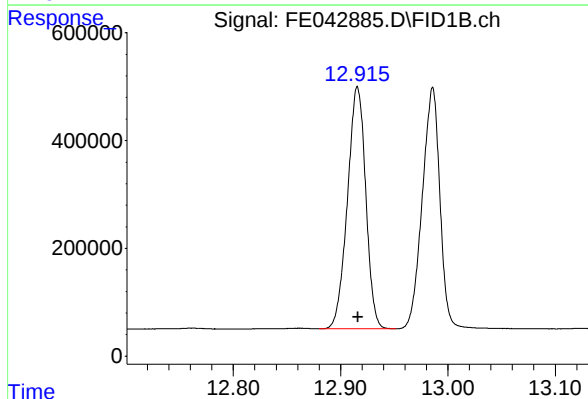
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 4302785
Conc: 23.42 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-64MS

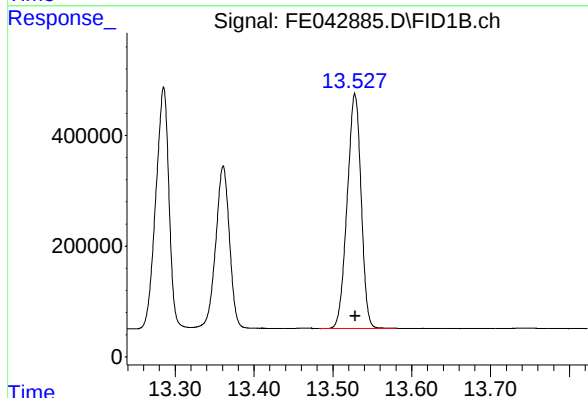
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



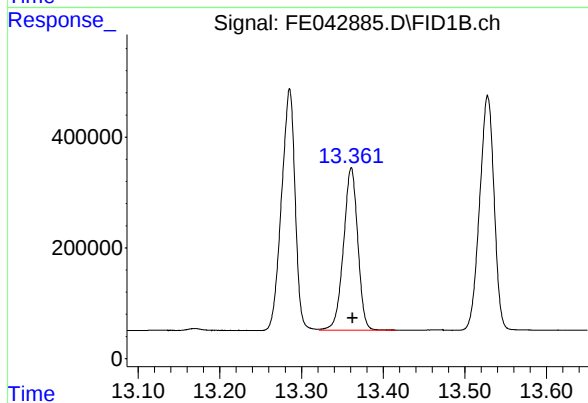
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 5317753
Conc: 33.51 ug/ml



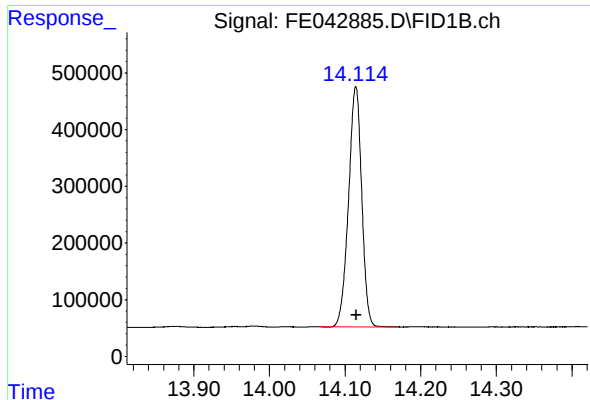
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.000 min
Response: 5205459
Conc: 33.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.002 min
Response: 3574071
Conc: 26.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 5119269
Conc: 33.61 ug/ml

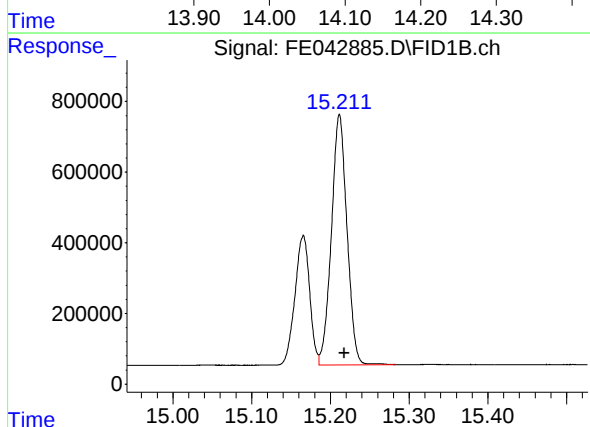
Instrument :

FID_E

ClientSampleId :
SB-64MS

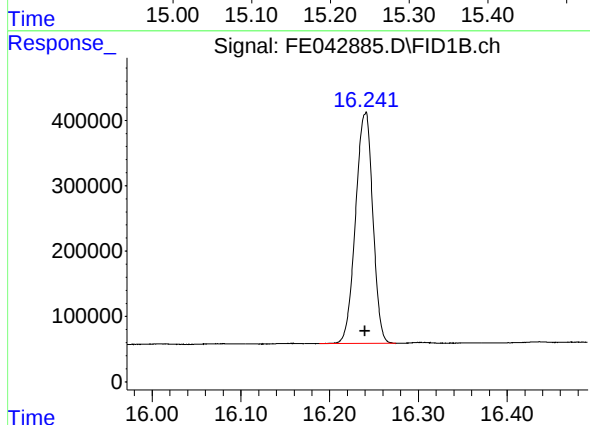
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



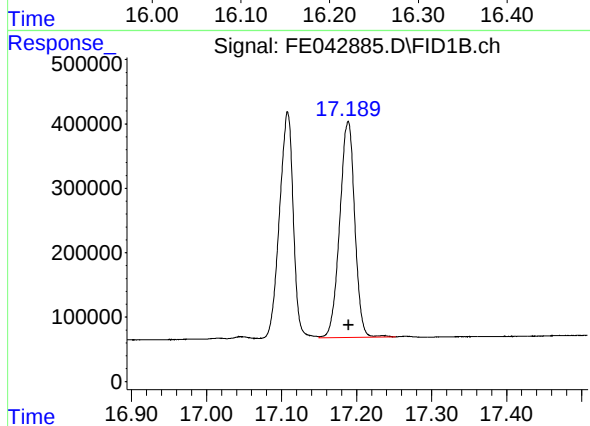
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 9725150
Conc: 65.55 ug/ml



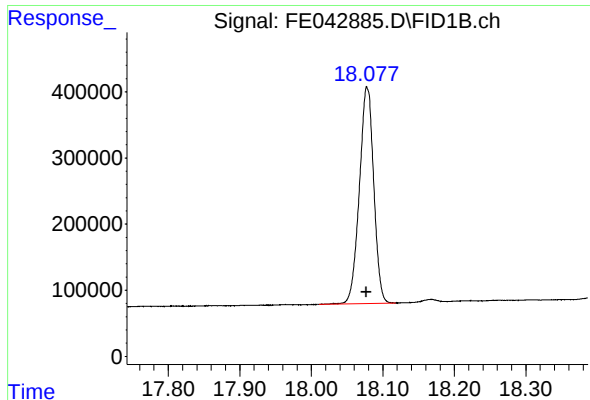
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 4767332
Conc: 33.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 4674445
Conc: 33.70 ug/ml



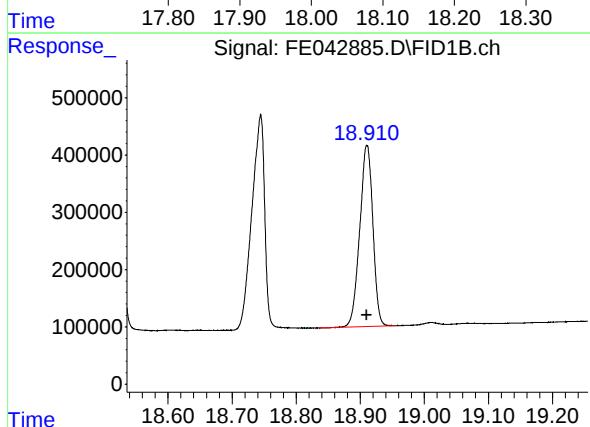
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 4557661
Conc: 32.23 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-64MS

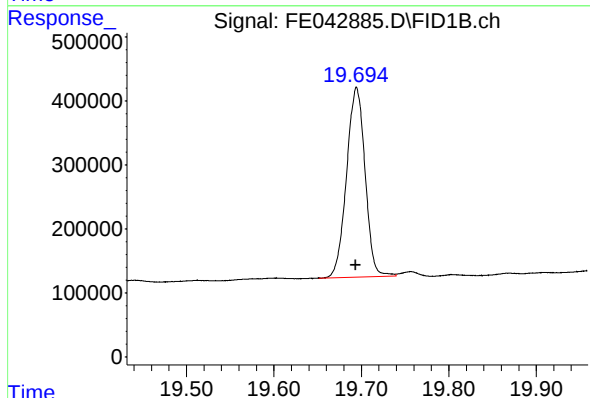
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



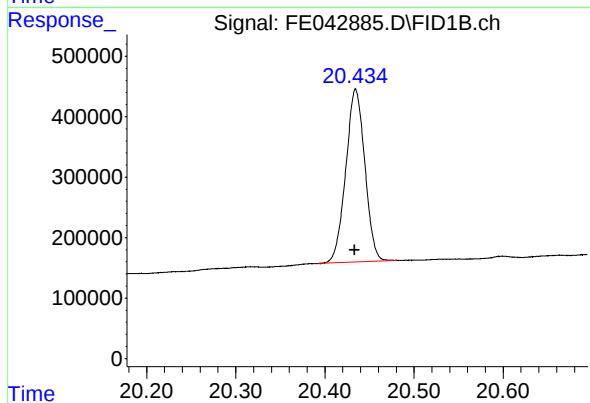
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 4515287
Conc: 32.19 ug/ml



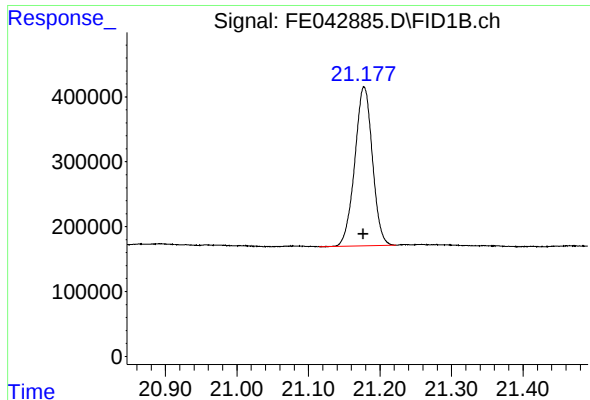
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 4356470
Conc: 31.83 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 4242995
Conc: 31.73 ug/ml m



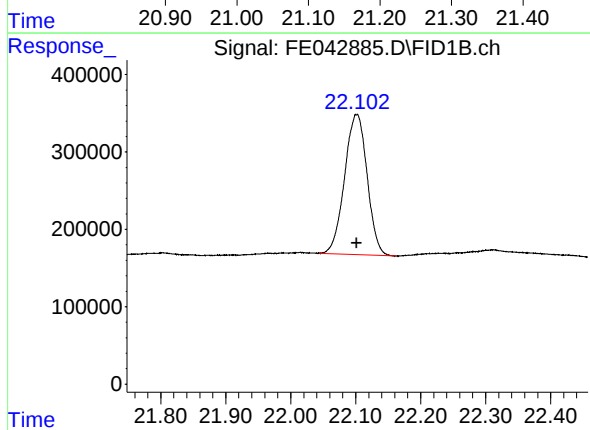
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.001 min
Response: 4187009
Conc: 30.71 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-64MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.000 min
Response: 4365987
Conc: 31.38 ug/ml