

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
 Data File : FE043206.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jul 2023 17:13
 Operator : YP\AJ
 Sample : 03581-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Ankita Jodhani 07/14/2023

Integration File: autoint1.e

Quant Time: Jul 14 01:50:54 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M

Quant Title : GC Extractables

QLast Update : Thu Jul 13 03:02:53 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)	11.904	4352489	24.307 ug/mlm
Spiked Amount 50.000		Recovery =	48.61%
12) S 1-chlorooctadecane (S...	13.341	4191686	31.901 ug/ml
Spiked Amount 50.000		Recovery =	63.80%
Target Compounds			
1) T n-Nonane (C9)	3.279	2851774	18.678 ug/ml
2) T n-Decane (C10)	4.532	3342285	21.439 ug/ml
3) T A~Naphthalene (C11.7)	6.241	3999837	24.857 ug/ml
4) T n-Dodecane (C12)	6.701	3995051	25.353 ug/ml
5) T A~2-methylnaphthalene...	7.338	4167266	27.463 ug/ml
6) T n-Tetradecane (C14)	8.532	4574736	28.923 ug/ml
7) T n-Hexadecane (C16)	10.141	4915013	30.371 ug/ml
8) T n-Octadecane (C18)	11.586	5496975	33.720 ug/mlm
10) T n-Eicosane (C20)	12.897	5088268	32.750 ug/mlm
11) T n-Heneicosane (C21)	13.508	4796076	31.657 ug/ml
13) T n-Docosane (C22)	14.094	4630566	30.984 ug/ml
14) T n-Tetracosane (C24)	15.188	8321037	56.660 ug/ml
15) T n-Hexacosane (C26)	16.217	4386576	30.798 ug/ml
16) T n-Octacosane (C28)	17.166	4467719	31.753 ug/ml
17) T n-Tricontane (C30)	18.054	4377892	29.718 ug/ml
18) T n-Dotriacontane (C32)	18.886	4395318	29.662 ug/ml
19) T n-Tetratriacontane (C34)	19.672	4259500	29.514 ug/ml
20) T n-Hexatriacontane (C36)	20.411	4182282	28.455 ug/ml
21) T n-Octatriacontane (C38)	21.152	3880833	27.205 ug/ml
22) T n-Tetracontane (C40)	22.065	4374664	29.642 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
Data File : FE043206.D
Signal(s) : FID1B.ch
Acq On : 13 Jul 2023 17:13
Operator : YP\AJ
Sample : 03581-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

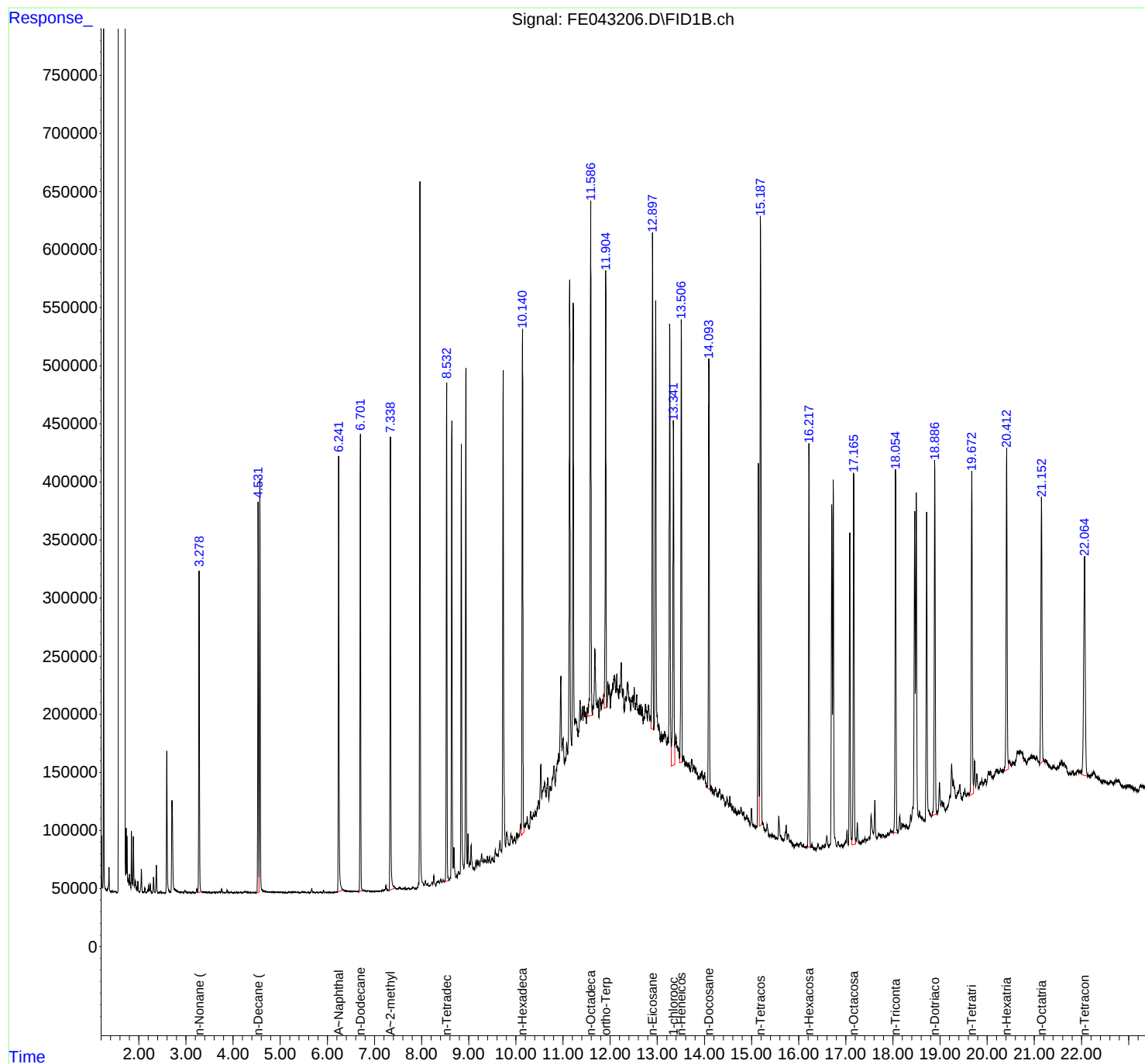
Instrument :
FID_E
ClientSampleId :
WC-1MS

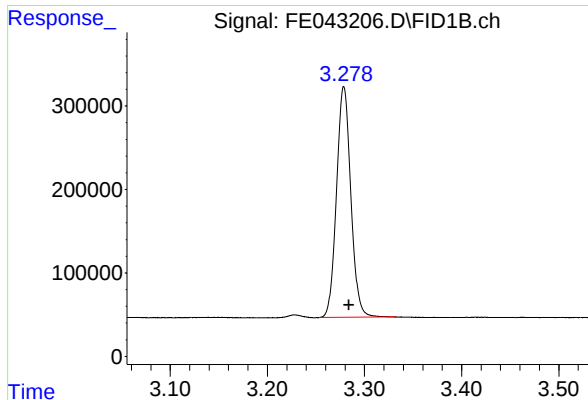
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023

Integration File: autoint1.e
Quant Time: Jul 14 01:50:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.
Quant Title : GC Extractables
QLast Update : Thu Jul 13 03:02:53 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.: 3.279 min
Delta R.T.: -0.005 min
Response: 2851774
Conc: 18.68 ug/ml

Instrument :

FID_E

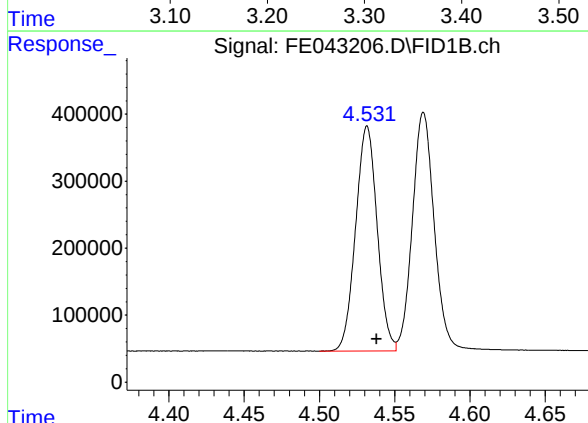
ClientSampleId :

WC-1MS

Manual Integrations

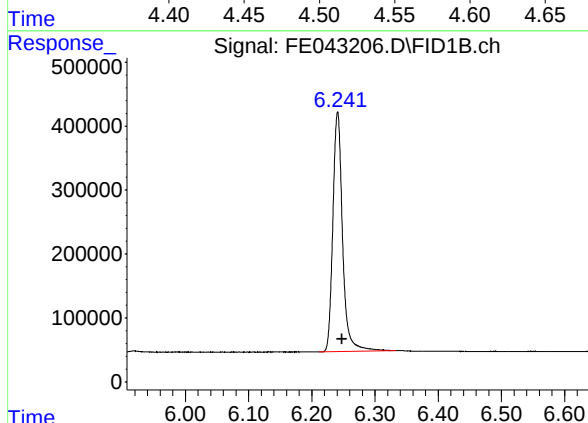
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



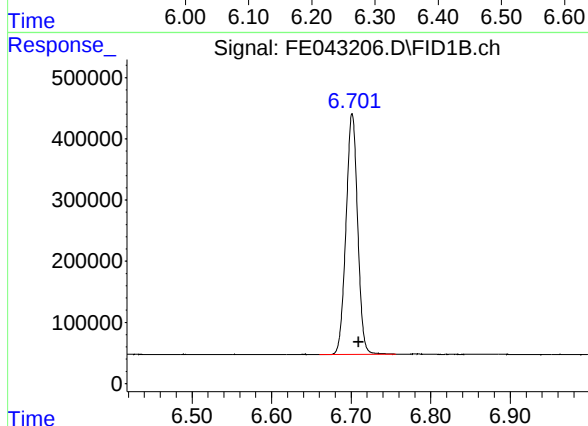
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 3342285
Conc: 21.44 ug/ml



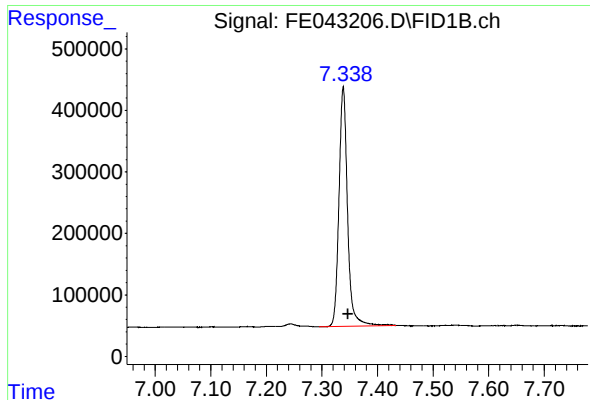
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 3999837
Conc: 24.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 3995051
Conc: 25.35 ug/ml



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

R.T.: 7.338 min
Delta R.T.: -0.008 min
Response: 4167266
Conc: 27.46 ug/ml

Instrument :

FID_E

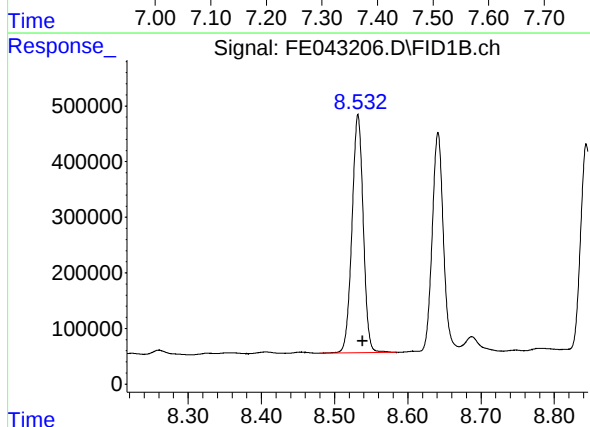
ClientSampleId :

WC-1MS

Manual Integrations

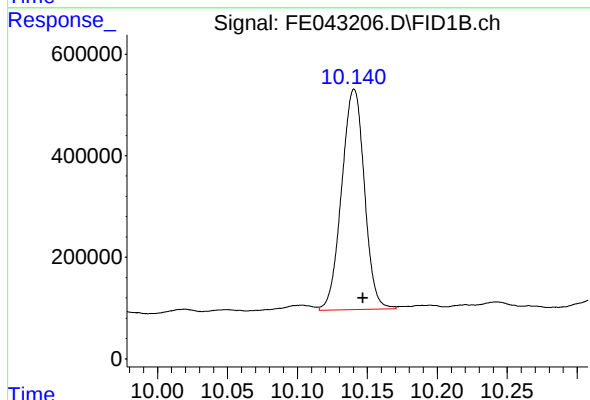
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



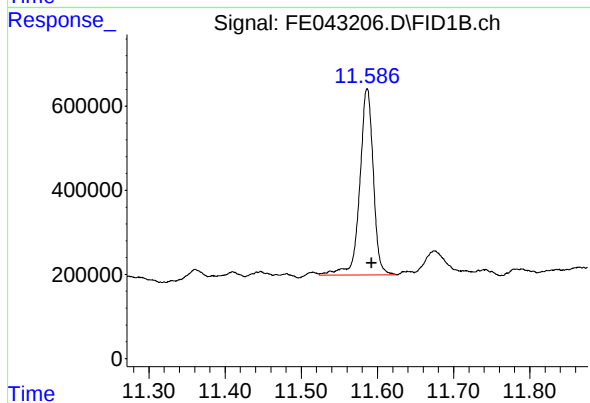
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.006 min
Response: 4574736
Conc: 28.92 ug/ml



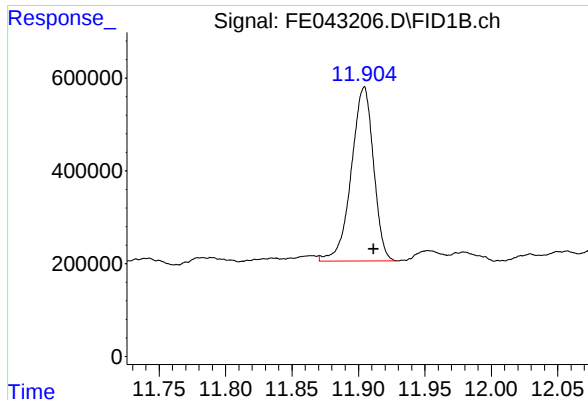
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.006 min
Response: 4915013
Conc: 30.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.006 min
Response: 5496975
Conc: 33.72 ug/ml m



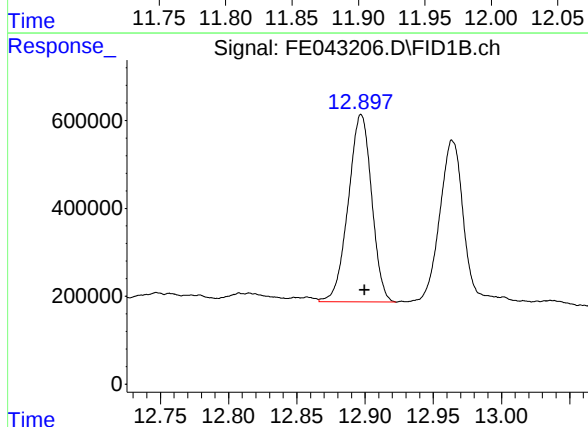
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.007 min
Response: 4352489
Conc: 24.31 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS

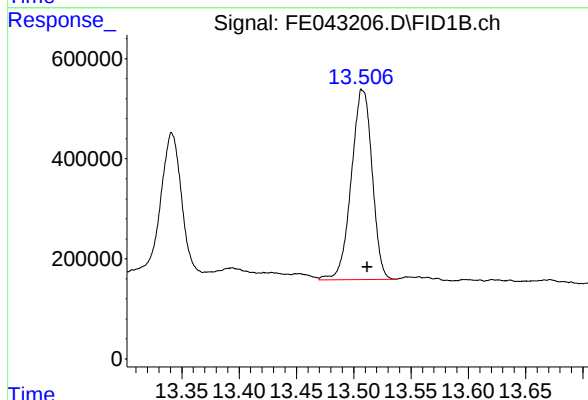
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



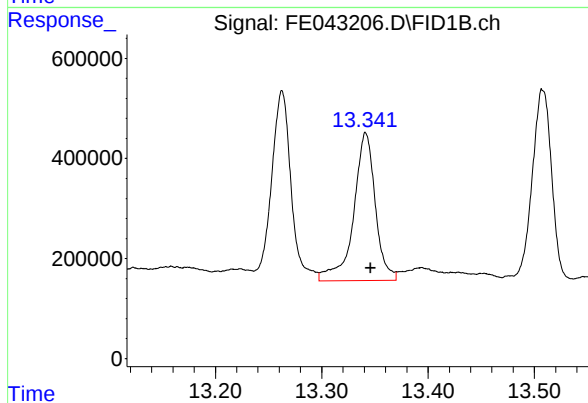
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.003 min
Response: 5088268
Conc: 32.75 ug/ml m



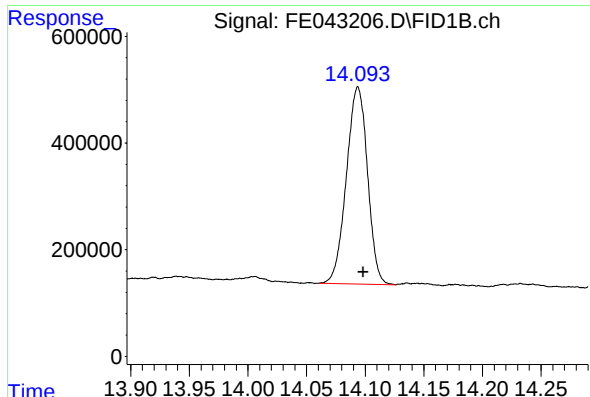
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.004 min
Response: 4796076
Conc: 31.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.005 min
Response: 4191686
Conc: 31.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 4630566
Conc: 30.98 ug/ml

Instrument :

FID_E

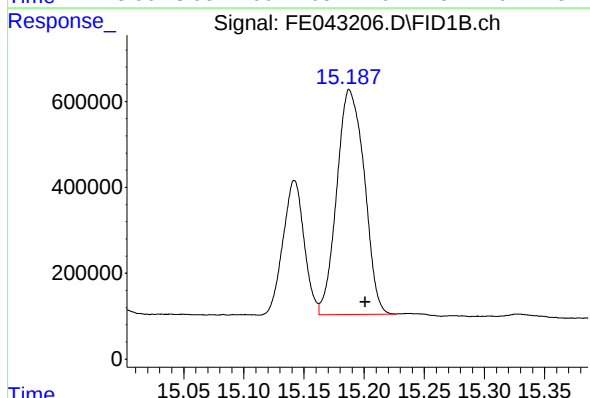
ClientSampleId :

WC-1MS

Manual Integrations

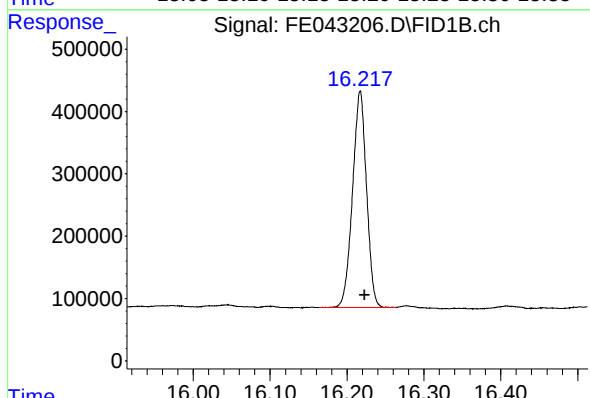
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



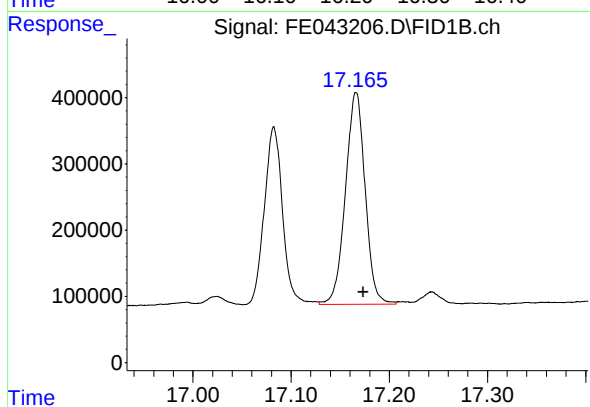
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 8321037
Conc: 56.66 ug/ml



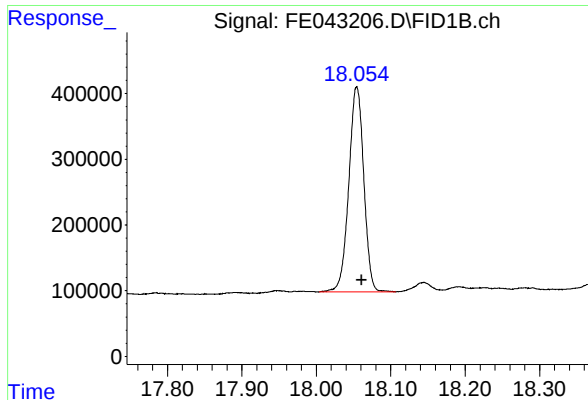
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.005 min
Response: 4386576
Conc: 30.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.007 min
Response: 4467719
Conc: 31.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.007 min
Response: 4377892
Conc: 29.72 ug/ml

Instrument :

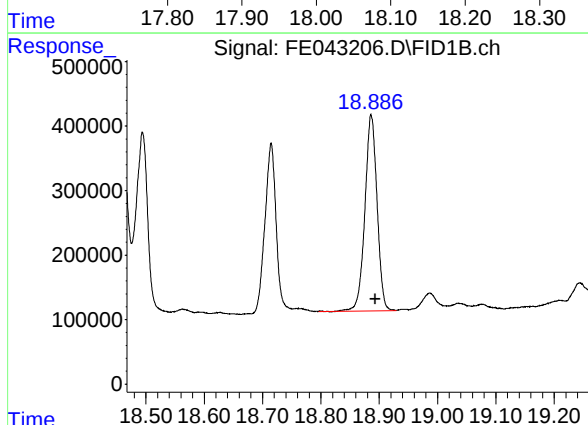
FID_E

ClientSampleId :

WC-1MS

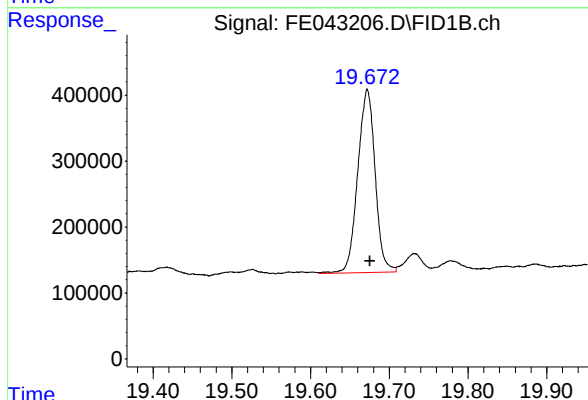
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



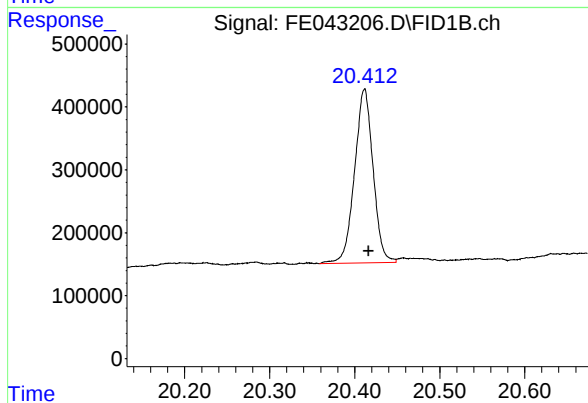
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.007 min
Response: 4395318
Conc: 29.66 ug/ml



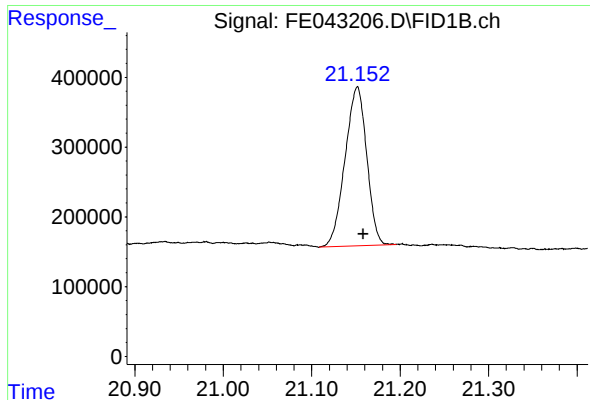
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.004 min
Response: 4259500
Conc: 29.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.005 min
Response: 4182282
Conc: 28.46 ug/ml



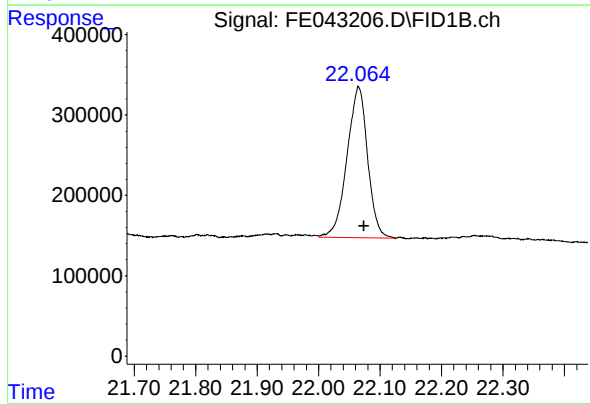
#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: -0.007 min
Response: 3880833
Conc: 27.21 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.009 min
Response: 4374664
Conc: 29.64 ug/ml