

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041916.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 14:42
 Operator : YP\AJ
 Sample : PB152784BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152784BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/16/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e

Quant Time: May 16 01:11:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	11.975	7390950	39.396 ug/ml
Spiked Amount 50.000		Recovery =	78.79%
12) S 1-chlorooctadecane (S...	13.411	5867353	41.533 ug/ml
Spiked Amount 50.000		Recovery =	83.07%
Target Compounds			
1) T n-Nonane (C9)	3.363	7589018	51.627 ug/ml
2) T n-Decane (C10)	4.611	7929843	52.873 ug/ml
3) T A~Naphthalene (C11.7)	6.314	9072021	54.819 ug/ml
4) T n-Dodecane (C12)	6.774	8351388	54.928 ug/ml
5) T A~2-methylnaphthalene...	7.411	8701273	53.962 ug/ml
6) T n-Tetradecane (C14)	8.605	8406181	55.339 ug/ml
7) T n-Hexadecane (C16)	10.212	8651510	54.213 ug/ml
8) T n-Octadecane (C18)	11.657	8763845	53.467 ug/ml
10) T n-Eicosane (C20)	12.967	8609796	53.528 ug/ml
11) T n-Heneicosane (C21)	13.579	8381760	52.593 ug/ml
13) T n-Docosane (C22)	14.166	8260508	51.845 ug/ml
14) T n-Tetracosane (C24)	15.262	15623622	96.909 ug/ml
15) T n-Hexacosane (C26)	16.292	7799571	49.334 ug/ml
16) T n-Octacosane (C28)	17.240	7584263	49.289 ug/ml
17) T n-Tricontane (C30)	18.131	7439217	48.845 ug/ml
18) T n-Dotriacontane (C32)	18.961	7230800	48.536 ug/ml
19) T n-Tetratriacontane (C34)	19.745	7138454	50.672 ug/ml
20) T n-Hexatriacontane (C36)	20.483	6807067	50.902 ug/mlm
21) T n-Octatriacontane (C38)	21.239	7079486	53.578 ug/ml
22) T n-Tetracontane (C40)	22.177	7098218	56.063 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
Data File : FE041916.D
Signal(s) : FID1B.ch
Acq On : 15 May 2023 14:42
Operator : YP\AJ
Sample : PB152784BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

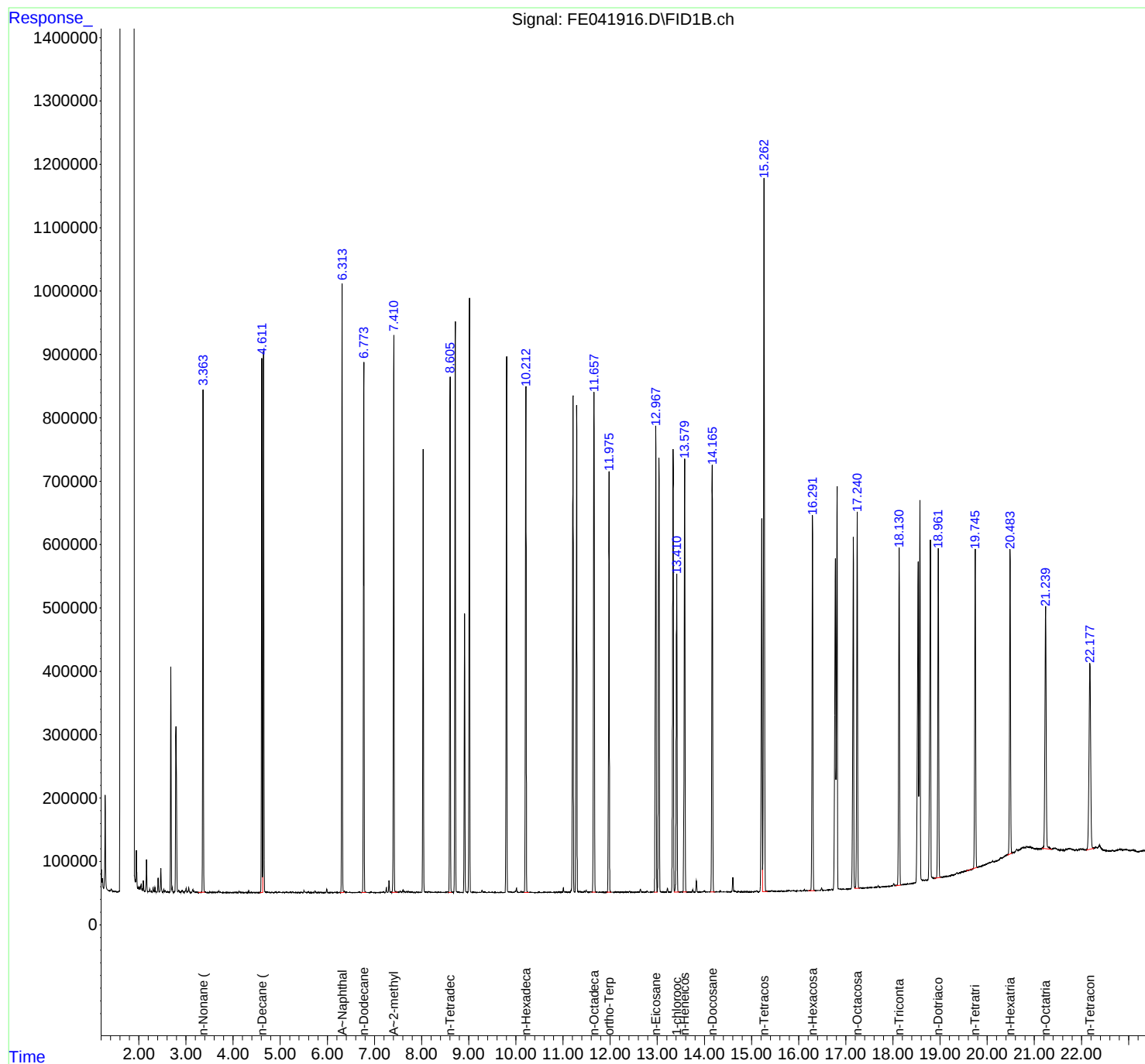
Instrument :
FID_E
ClientSampleId :
PB152784BS

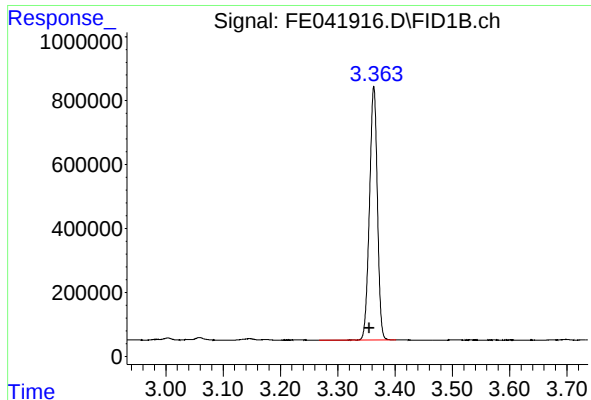
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
Quant Time: May 16 01:11:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 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.: 3.363 min
Delta R.T.: 0.008 min
Response: 7589018
Conc: 51.63 ug/ml

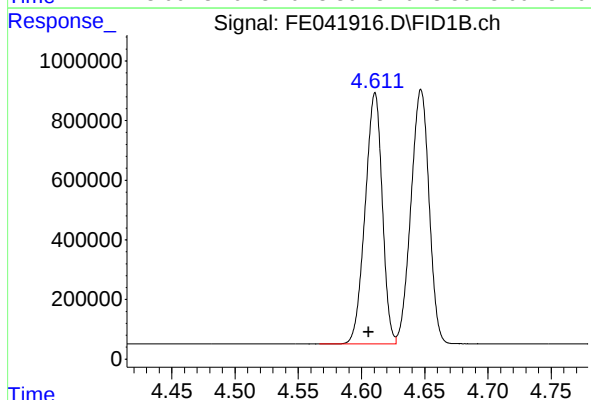
Instrument :

FID_E

ClientSampleId :
PB152784BS

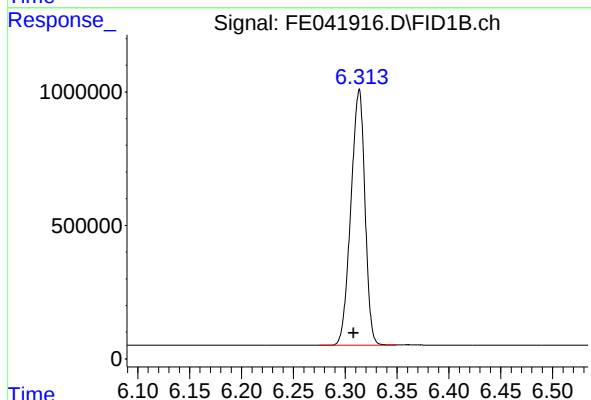
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



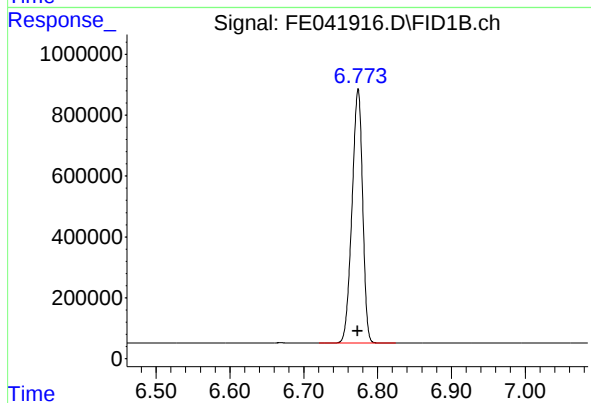
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 7929843
Conc: 52.87 ug/ml



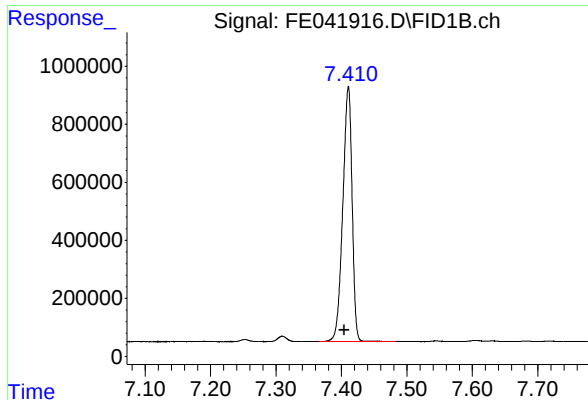
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 9072021
Conc: 54.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 8351388
Conc: 54.93 ug/ml



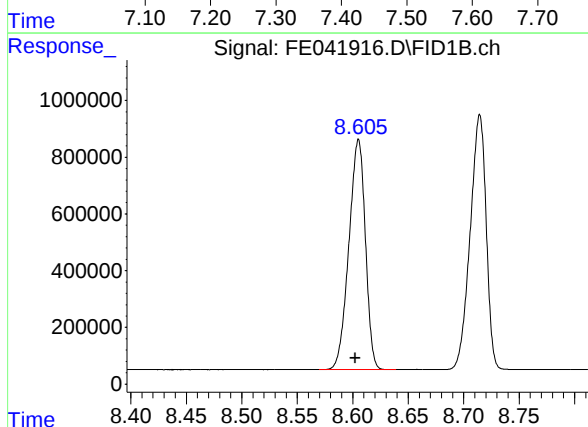
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.006 min
Response: 8701273
Conc: 53.96 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BS

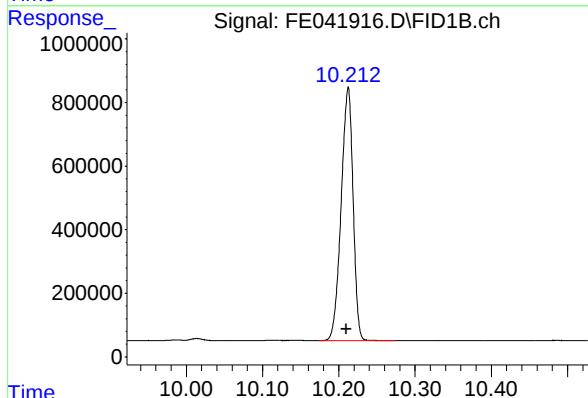
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



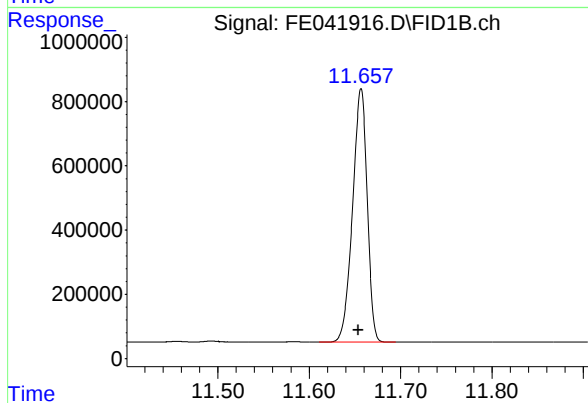
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.003 min
Response: 8406181
Conc: 55.34 ug/ml



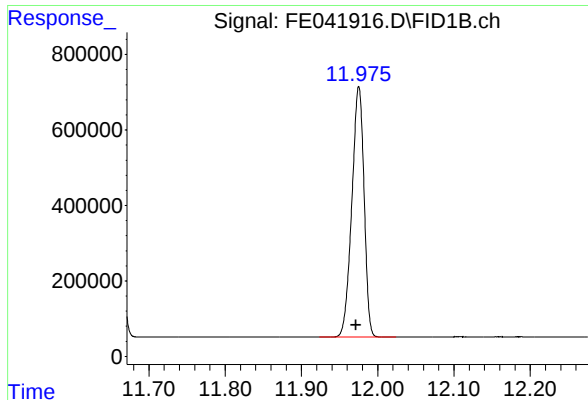
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.002 min
Response: 8651510
Conc: 54.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.003 min
Response: 8763845
Conc: 53.47 ug/ml



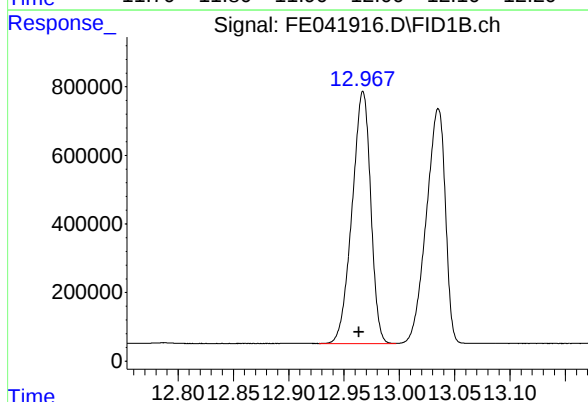
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 7390950
Conc: 39.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BS

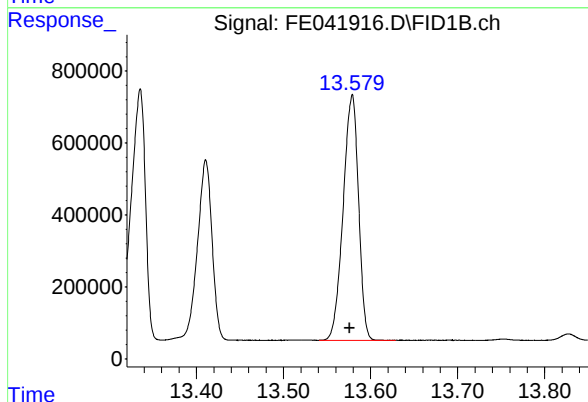
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



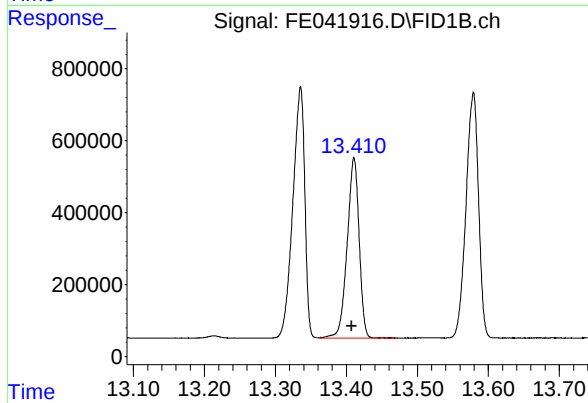
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.004 min
Response: 8609796
Conc: 53.53 ug/ml



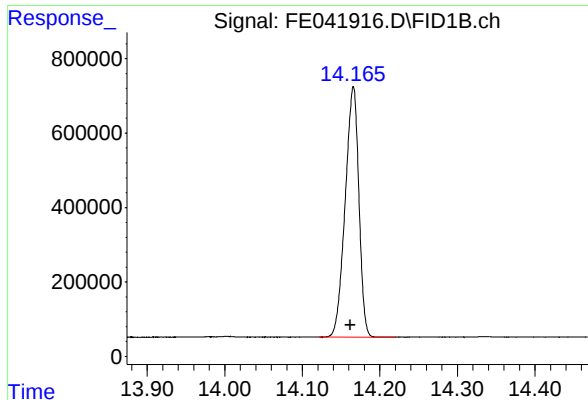
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 8381760
Conc: 52.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.003 min
Response: 5867353
Conc: 41.53 ug/ml



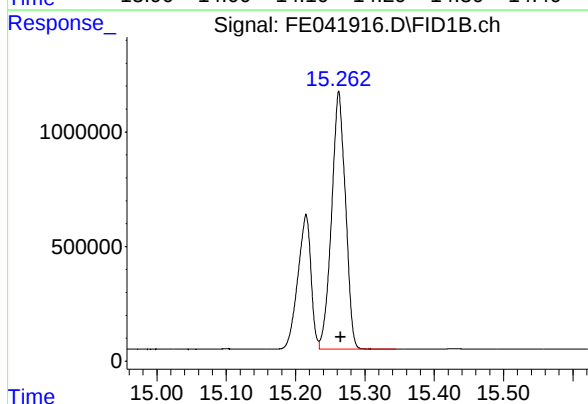
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.004 min
Response: 8260508
Conc: 51.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BS

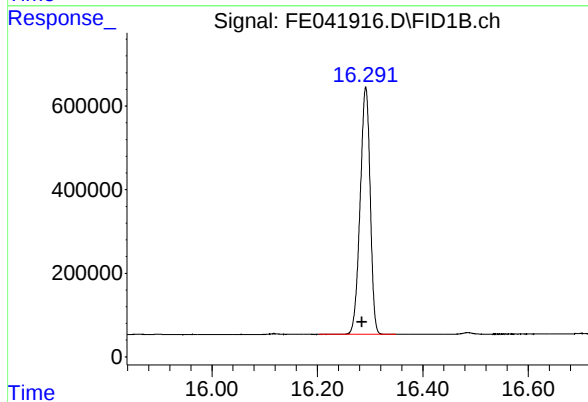
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



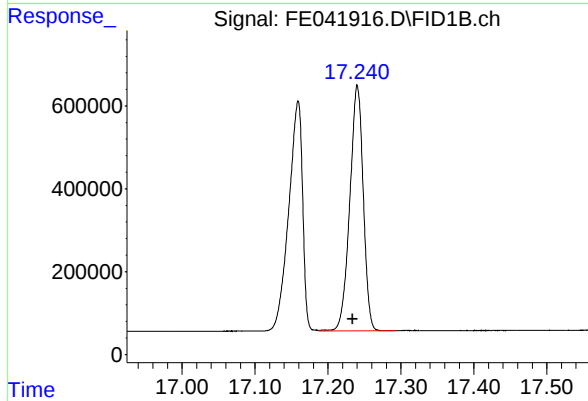
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: -0.003 min
Response: 15623622
Conc: 96.91 ug/ml



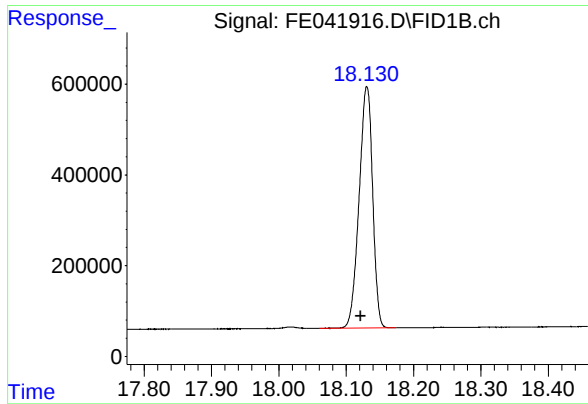
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.007 min
Response: 7799571
Conc: 49.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.006 min
Response: 7584263
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 7439217
Conc: 48.84 ug/ml

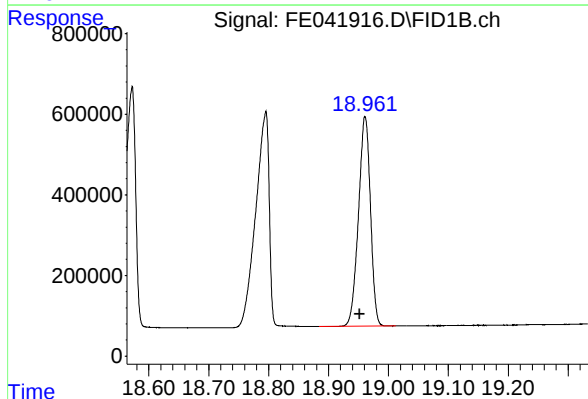
Instrument :

FID_E

ClientSampleId :
PB152784BS

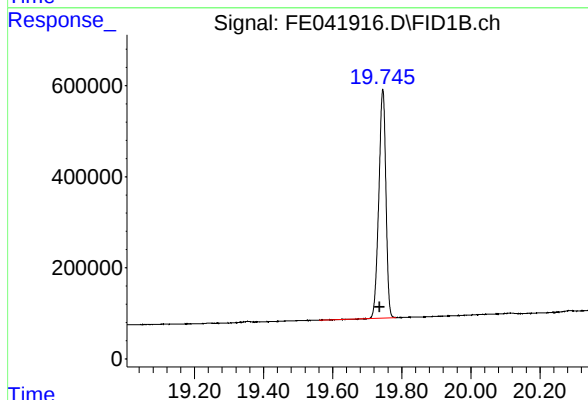
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



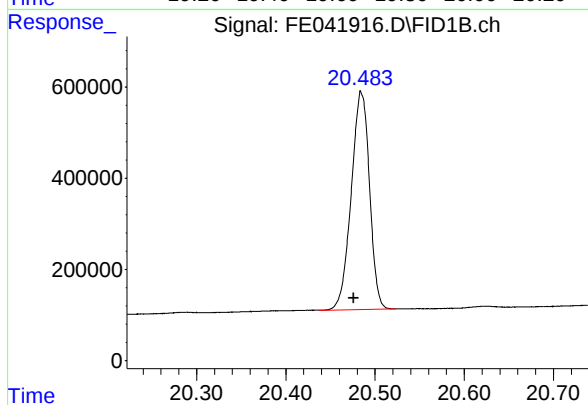
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.009 min
Response: 7230800
Conc: 48.54 ug/ml



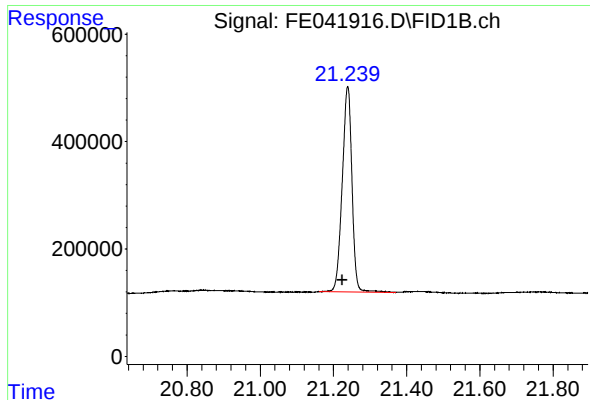
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.009 min
Response: 7138454
Conc: 50.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 6807067
Conc: 50.90 ug/ml m



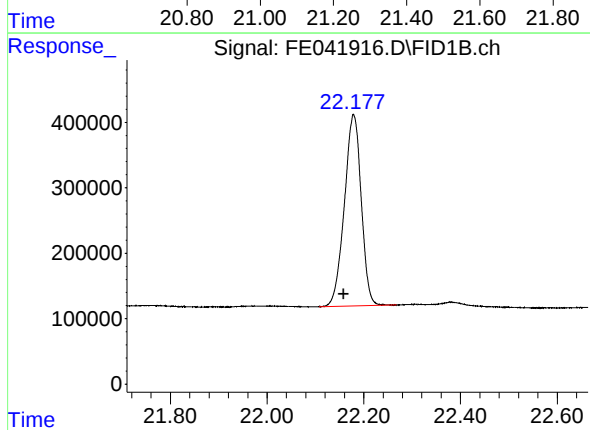
#21 n-Octatriacontane (C38)

R.T.: 21.239 min
Delta R.T.: 0.014 min
Response: 7079486
Conc: 53.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



#22 n-Tetracontane (C40)

R.T.: 22.177 min
Delta R.T.: 0.019 min
Response: 7098218
Conc: 56.06 ug/ml m