

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
 Data File : FE041278.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2023 17:44
 Operator : YP\AJ
 Sample : PB151996BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151996BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/11/2023

Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e

Quant Time: Apr 11 04:03:40 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.839	7140506	37.994 ug/ml
Spiked Amount 50.000		Recovery =	75.99%
12) S 1-chlorooctadecane (S...	13.278	5946588	41.330 ug/ml
Spiked Amount 50.000		Recovery =	82.66%
Target Compounds			
1) T n-Nonane (C9)	3.247	5514169	31.779 ug/ml
2) T n-Decane (C10)	4.490	5764411	33.865 ug/mlm
3) T A~Naphthalene (C11.7)	6.187	6494822	35.508 ug/ml
4) T n-Dodecane (C12)	6.651	6409525	36.951 ug/ml
5) T A~2-methylnaphthalene...	7.282	6478837	39.120 ug/ml
6) T n-Tetradecane (C14)	8.478	6994970	40.117 ug/ml
7) T n-Hexadecane (C16)	10.083	7504673	42.196 ug/ml
8) T n-Octadecane (C18)	11.526	7500860	42.009 ug/ml
10) T n-Eicosane (C20)	12.835	7431788	43.569 ug/ml
11) T n-Heneicosane (C21)	13.445	7082777	41.864 ug/ml
13) T n-Docosane (C22)	14.032	6939253	41.933 ug/ml
14) T n-Tetracosane (C24)	15.130	13195553	81.562 ug/ml
15) T n-Hexacosane (C26)	16.158	6545394	42.224 ug/ml
16) T n-Octacosane (C28)	17.107	6790518	44.330 ug/ml
17) T n-Tricontane (C30)	17.997	6397740	41.855 ug/ml
18) T n-Dotriacontane (C32)	18.828	6327152	40.525 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6349099	40.970 ug/mlm
20) T n-Hexatriacontane (C36)	20.355	6351320	41.813 ug/ml
21) T n-Octatriacontane (C38)	21.080	6515506	41.708 ug/mlm
22) T n-Tetracontane (C40)	21.959	6703270	41.999 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
Data File : FE041278.D
Signal(s) : FID1B.ch
Acq On : 10 Apr 2023 17:44
Operator : YP\AJ
Sample : PB151996BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

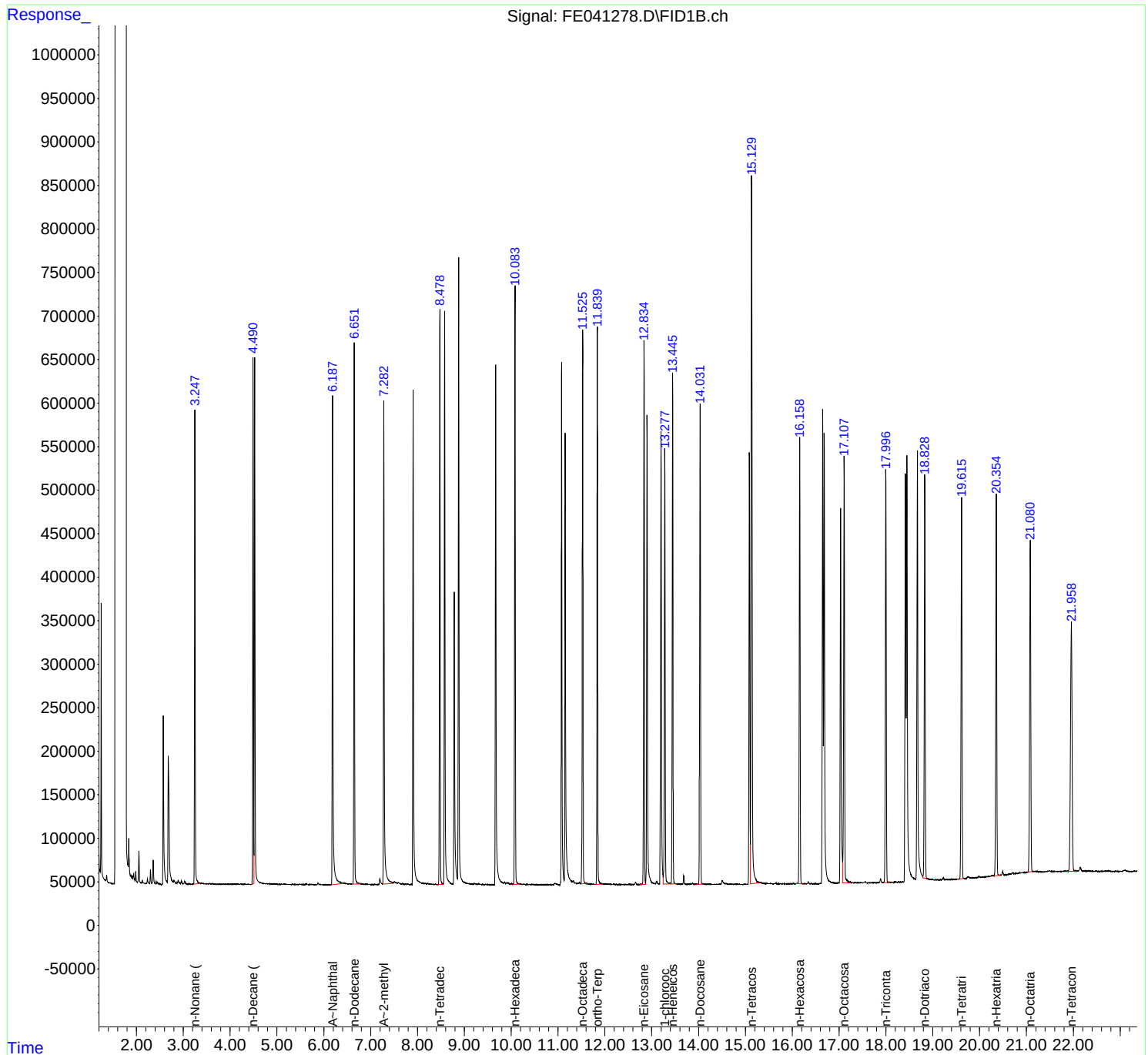
Instrument :
FID_E
ClientSampleId :
PB151996BS

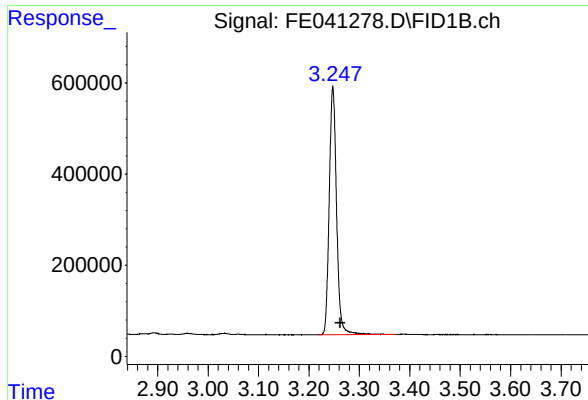
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
Quant Time: Apr 11 04:03:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 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.: 3.247 min
Delta R.T.: -0.015 min
Response: 5514169
Conc: 31.78 ug/ml

Instrument :

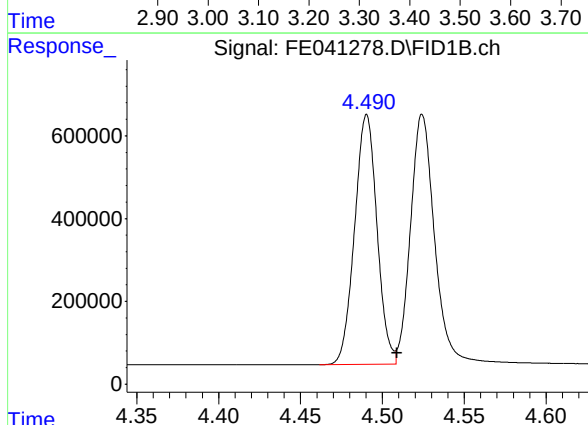
FID_E

ClientSampleId :

PB151996BS

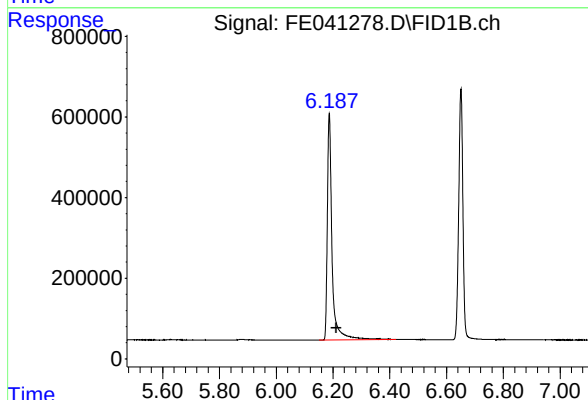
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



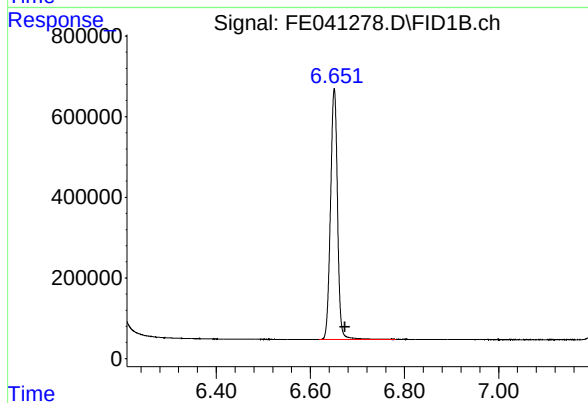
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.019 min
Response: 5764411
Conc: 33.87 ug/ml



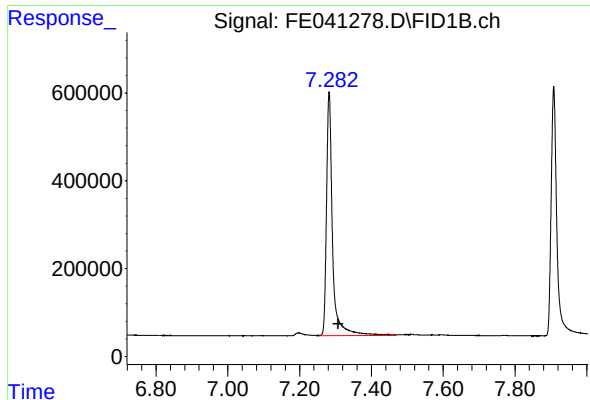
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 6494822
Conc: 35.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.023 min
Response: 6409525
Conc: 36.95 ug/ml



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

R.T.: 7.282 min
Delta R.T.: -0.025 min
Response: 6478837
Conc: 39.12 ug/ml

Instrument :

FID_E

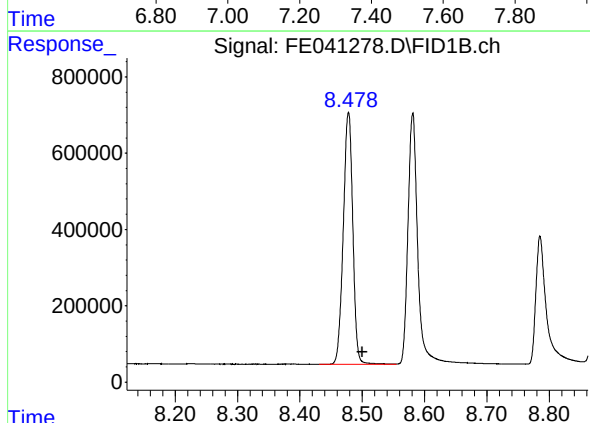
ClientSampleId :

PB151996BS

Manual Integrations

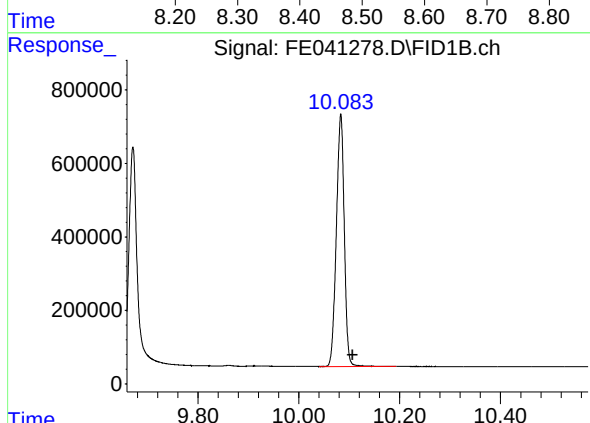
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



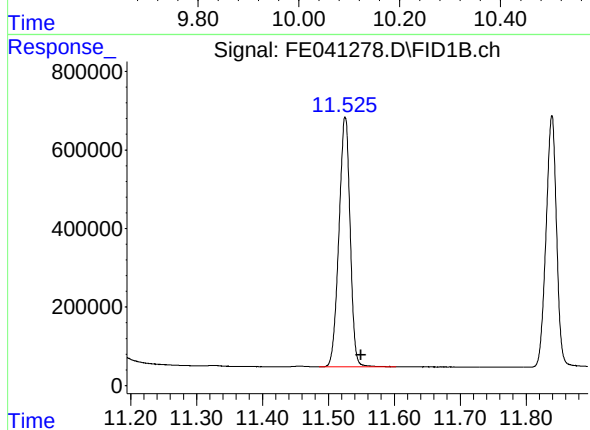
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.022 min
Response: 6994970
Conc: 40.12 ug/ml



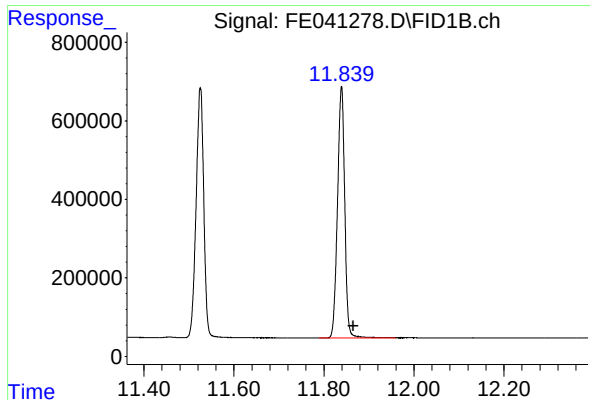
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.023 min
Response: 7504673
Conc: 42.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.024 min
Response: 7500860
Conc: 42.01 ug/ml



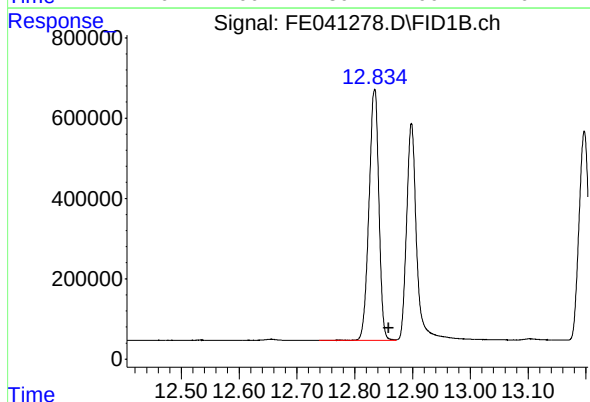
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.026 min
Response: 7140506
Conc: 37.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151996BS

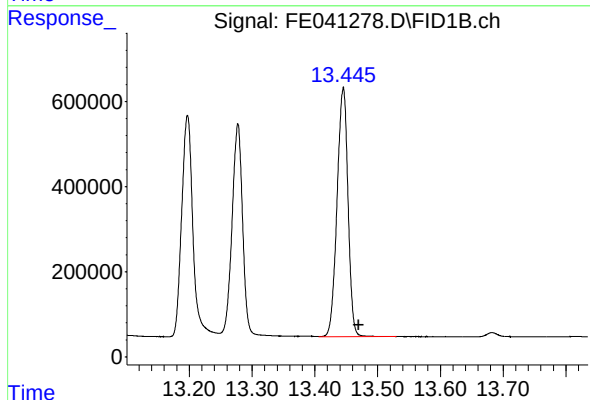
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



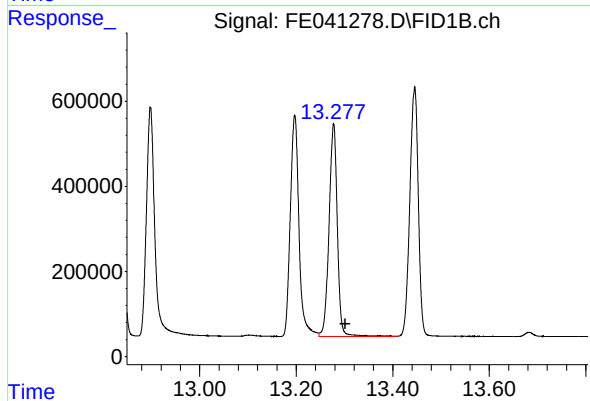
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.024 min
Response: 7431788
Conc: 43.57 ug/ml



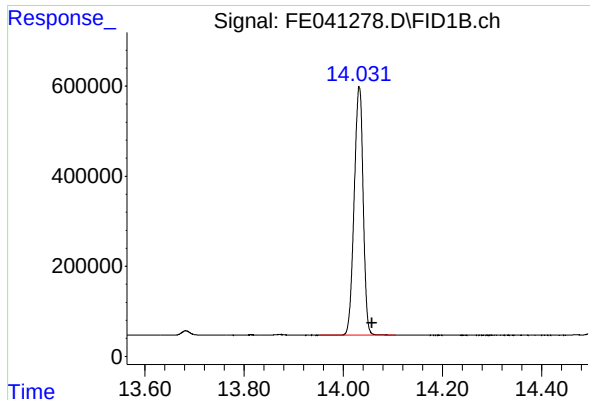
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.024 min
Response: 7082777
Conc: 41.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.024 min
Response: 5946588
Conc: 41.33 ug/ml



#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.025 min
Response: 6939253
Conc: 41.93 ug/ml

Instrument :

FID_E

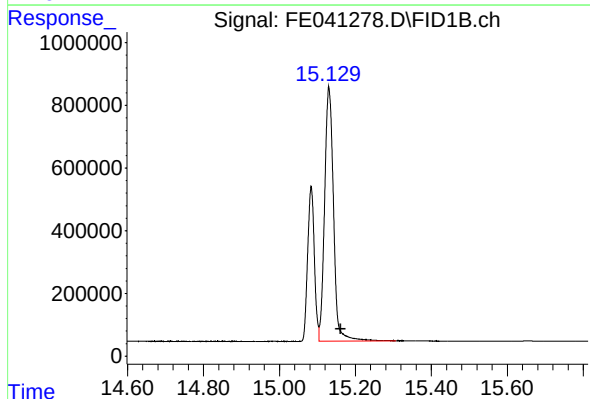
ClientSampleId :

PB151996BS

Manual Integrations

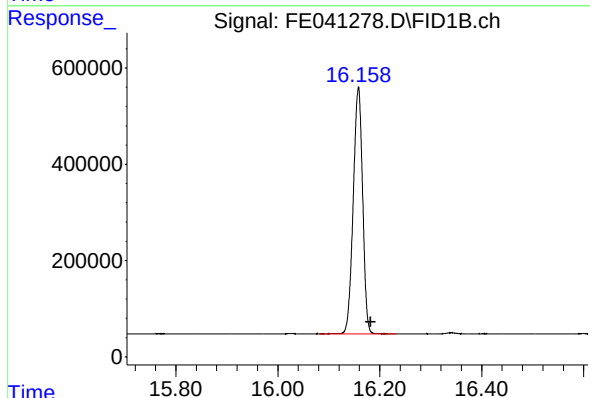
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



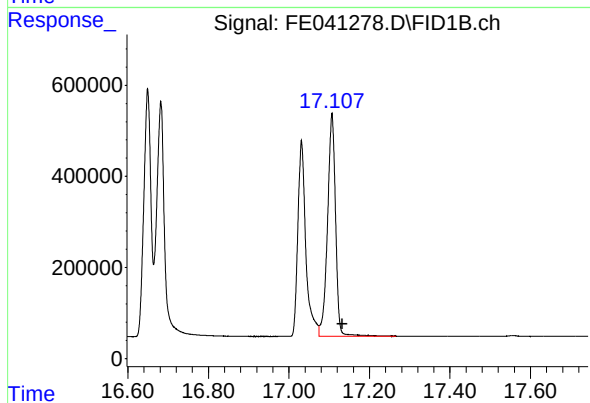
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.031 min
Response: 13195553
Conc: 81.56 ug/ml



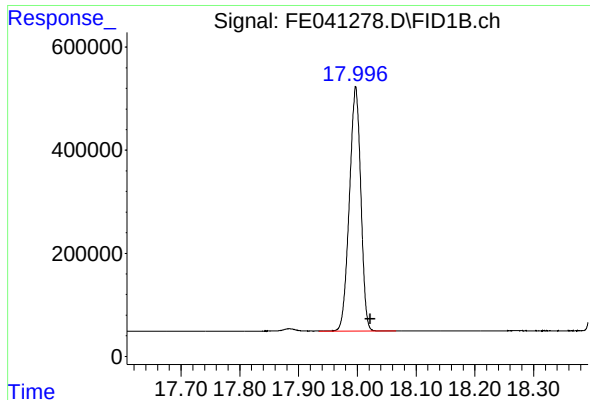
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 6545394
Conc: 42.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.026 min
Response: 6790518
Conc: 44.33 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.025 min
Response: 6397740
Conc: 41.85 ug/ml

Instrument :

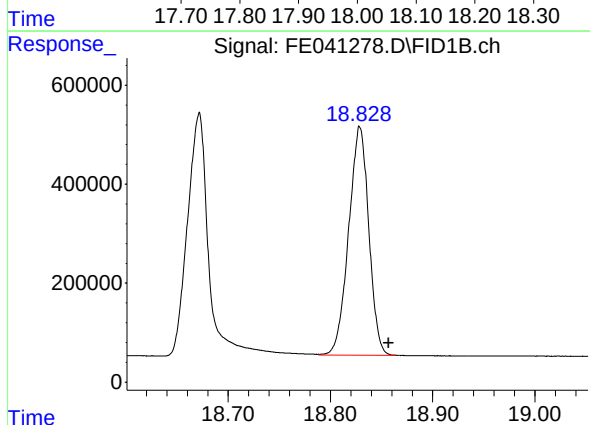
FID_E

ClientSampleId :

PB151996BS

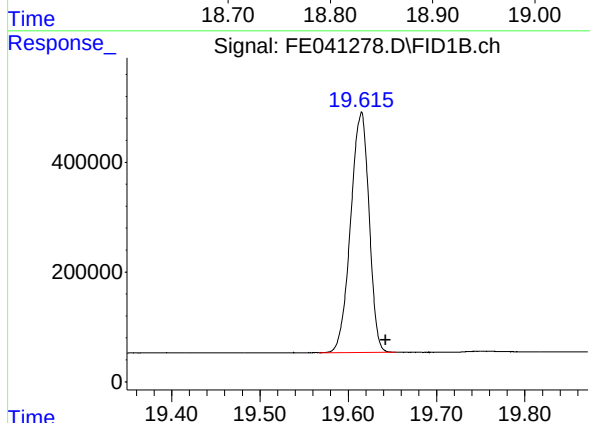
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



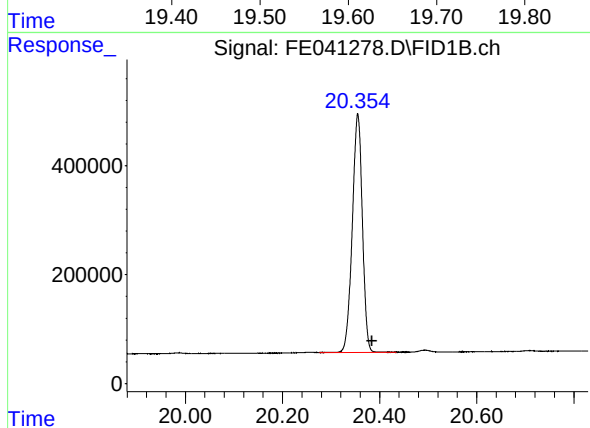
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.029 min
Response: 6327152
Conc: 40.53 ug/ml m



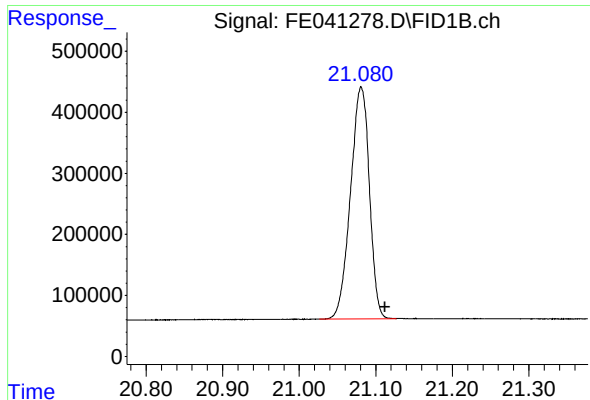
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.027 min
Response: 6349099
Conc: 40.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.029 min
Response: 6351320
Conc: 41.81 ug/ml



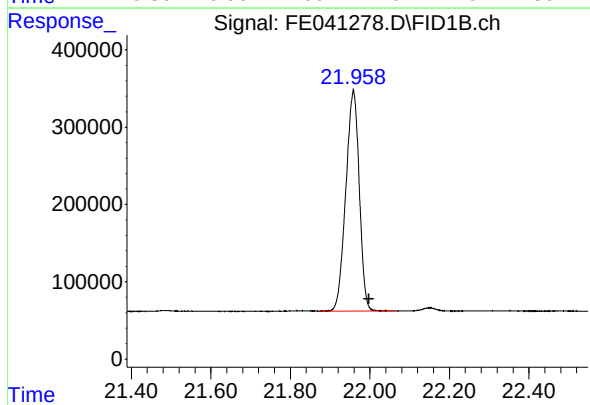
#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.032 min
Response: 6515506
Conc: 41.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151996BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.039 min
Response: 6703270
Conc: 42.00 ug/ml