

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
 Data File : FE041308.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2023 17:02
 Operator : YP\AJ
 Sample : PB152036BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152036BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/12/2023

Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e

Quant Time: Apr 12 00:20:35 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)	11.838	7466212	39.727 ug/ml
Spiked Amount 50.000		Recovery =	79.45%
12) S 1-chlorooctadecane (S...	13.276	6198160	43.079 ug/ml
Spiked Amount 50.000		Recovery =	86.16%
Target Compounds			
1) T n-Nonane (C9)	3.245	5704852	32.878 ug/ml
2) T n-Decane (C10)	4.487	5949711	34.954 ug/mlm
3) T A~Naphthalene (C11.7)	6.185	6833249	37.359 ug/ml
4) T n-Dodecane (C12)	6.648	6704765	38.653 ug/ml
5) T A~2-methylnaphthalene...	7.280	6825919	41.216 ug/ml
6) T n-Tetradecane (C14)	8.475	7265996	41.671 ug/ml
7) T n-Hexadecane (C16)	10.081	7753720	43.596 ug/ml
8) T n-Octadecane (C18)	11.524	7781479	43.581 ug/ml
10) T n-Eicosane (C20)	12.833	7738797	45.369 ug/ml
11) T n-Heneicosane (C21)	13.445	7384278	43.646 ug/ml
13) T n-Docosane (C22)	14.031	7274481	43.958 ug/ml
14) T n-Tetracosane (C24)	15.130	13968630	86.340 ug/ml
15) T n-Hexacosane (C26)	16.158	6931817	44.717 ug/ml
16) T n-Octacosane (C28)	17.109	7242925	47.283 ug/ml
17) T n-Tricontane (C30)	18.000	6810647	44.556 ug/ml
18) T n-Dotriacontane (C32)	18.833	6785954	43.464 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6823488	44.031 ug/mlm
20) T n-Hexatriacontane (C36)	20.358	6815503	44.869 ug/ml
21) T n-Octatriacontane (C38)	21.083	7003840	44.834 ug/mlm
22) T n-Tetracontane (C40)	21.960	7118412	44.600 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
Data File : FE041308.D
Signal(s) : FID1B.ch
Acq On : 11 Apr 2023 17:02
Operator : YP\AJ
Sample : PB152036BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152036BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2023

Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e

Quant Time: Apr 12 00:20:35 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

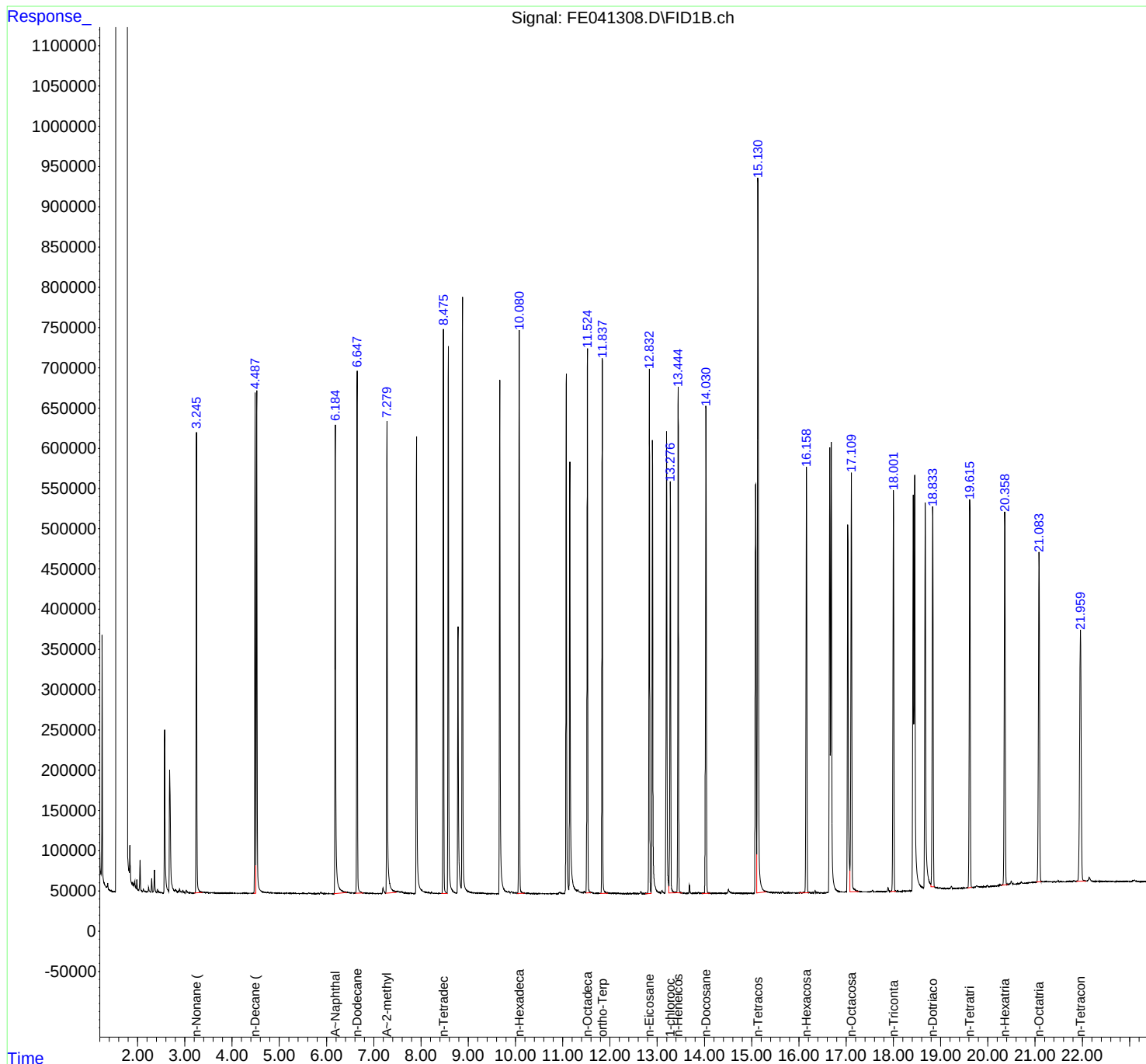
Response via : Initial Calibration

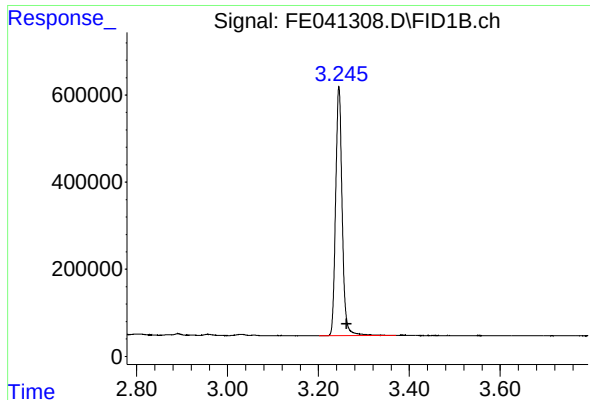
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.245 min
Delta R.T.: -0.017 min
Response: 5704852
Conc: 32.88 ug/ml

Instrument :

FID_E

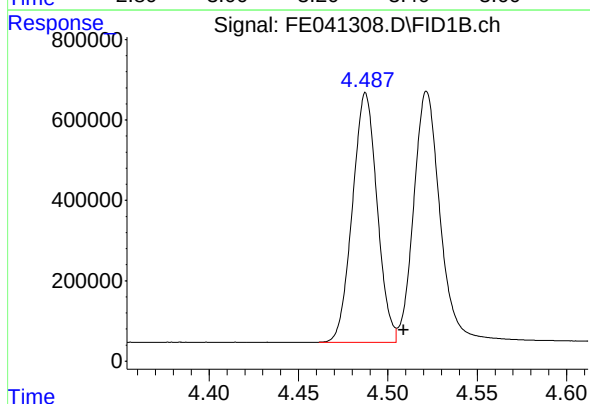
ClientSampleId :

PB152036BS

Manual Integrations

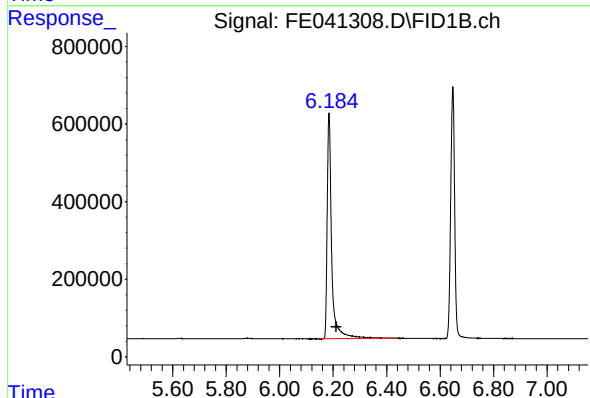
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



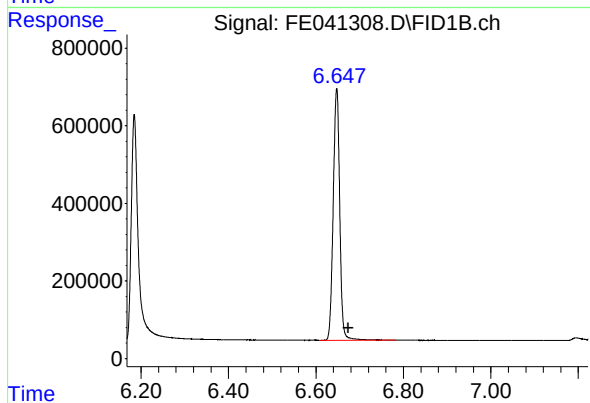
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.022 min
Response: 5949711
Conc: 34.95 ug/ml



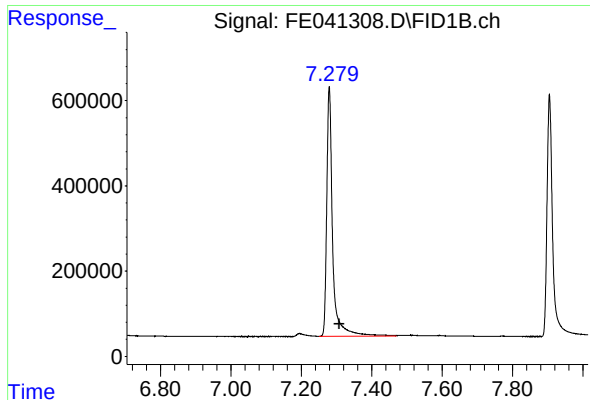
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.027 min
Response: 6833249
Conc: 37.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.026 min
Response: 6704765
Conc: 38.65 ug/ml



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

R.T.: 7.280 min
Delta R.T.: -0.028 min
Response: 6825919
Conc: 41.22 ug/ml

Instrument :

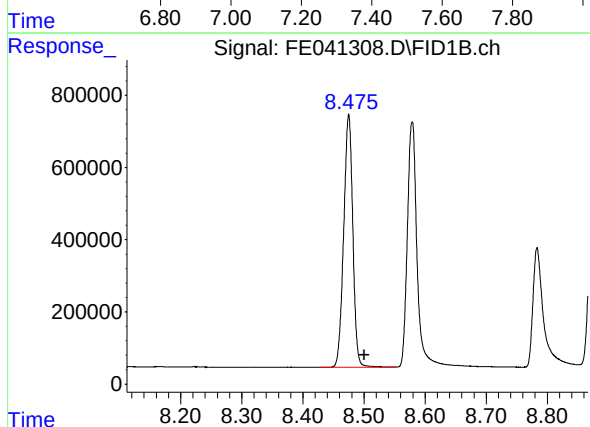
FID_E

ClientSampleId :

PB152036BS

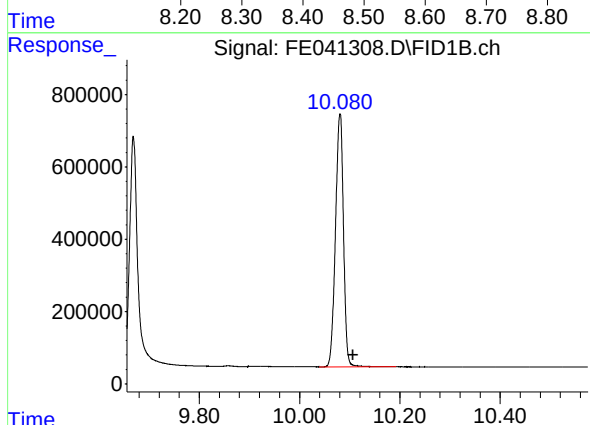
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



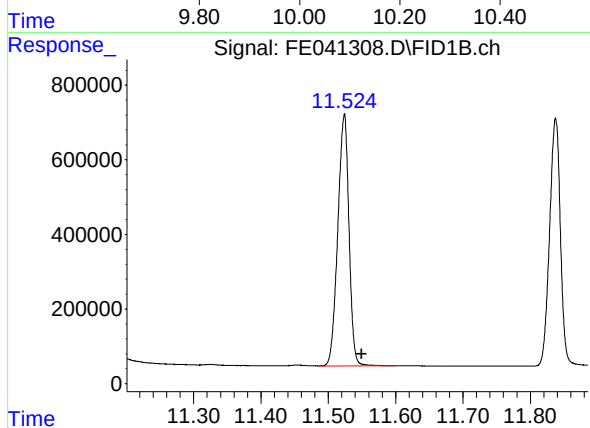
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.025 min
Response: 7265996
Conc: 41.67 ug/ml



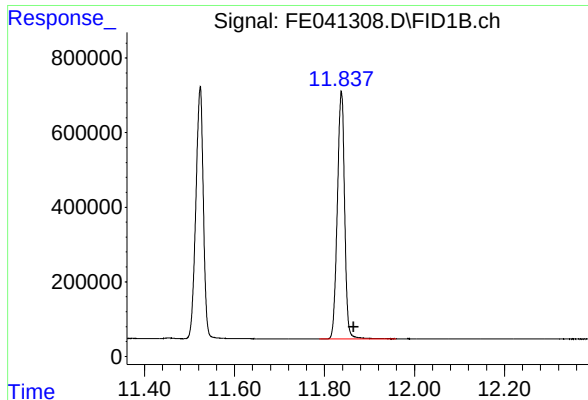
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.026 min
Response: 7753720
Conc: 43.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.026 min
Response: 7781479
Conc: 43.58 ug/ml



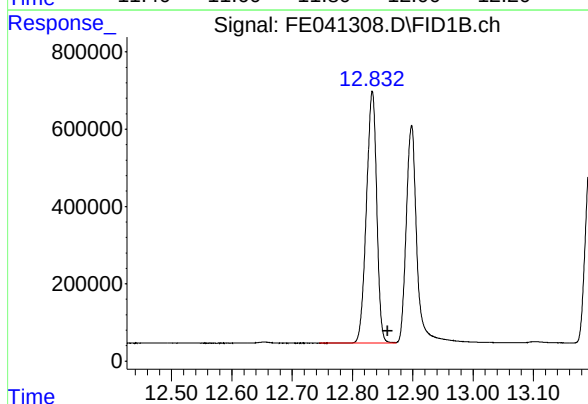
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.027 min
Response: 7466212
Conc: 39.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152036BS

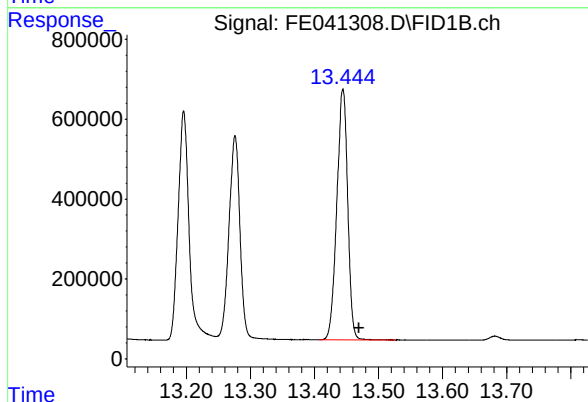
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



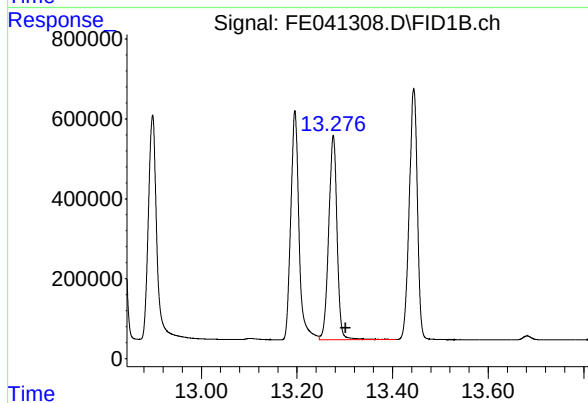
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.025 min
Response: 7738797
Conc: 45.37 ug/ml



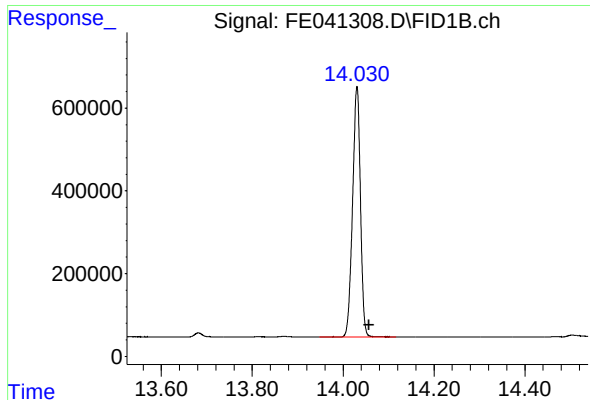
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.025 min
Response: 7384278
Conc: 43.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.026 min
Response: 6198160
Conc: 43.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.027 min
Response: 7274481
Conc: 43.96 ug/ml

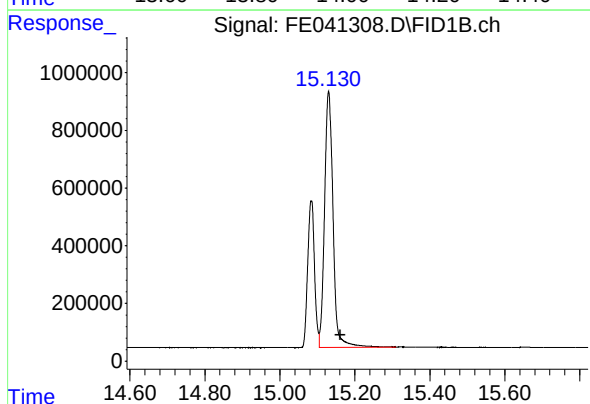
Instrument :

FID_E

ClientSampleId :
PB152036BS

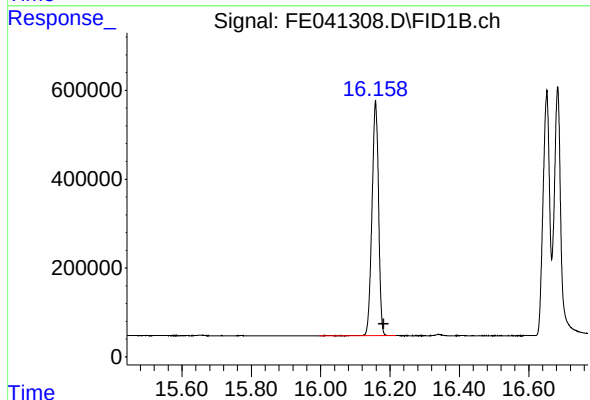
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



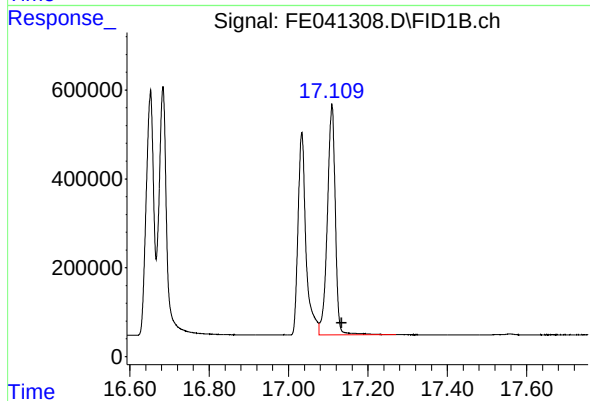
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.031 min
Response: 13968630
Conc: 86.34 ug/ml



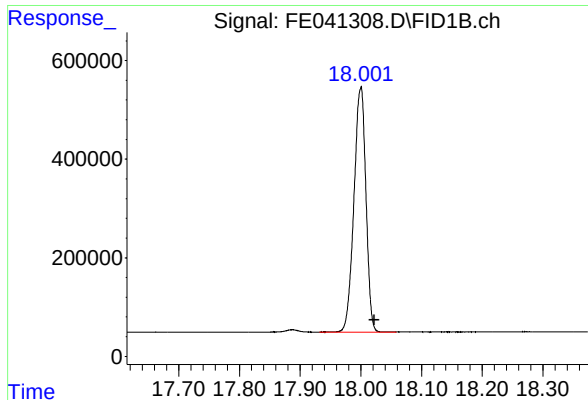
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 6931817
Conc: 44.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.024 min
Response: 7242925
Conc: 47.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.022 min
Response: 6810647
Conc: 44.56 ug/ml

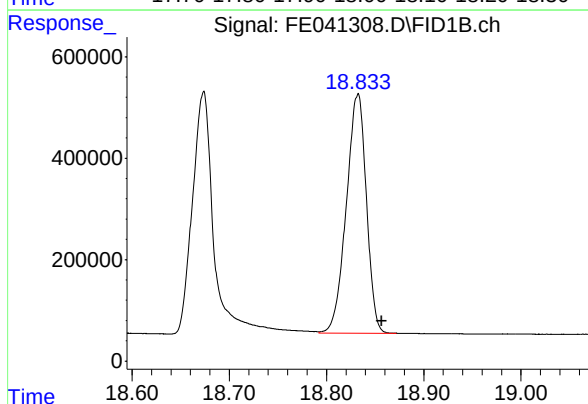
Instrument :

FID_E

ClientSampleId :
PB152036BS

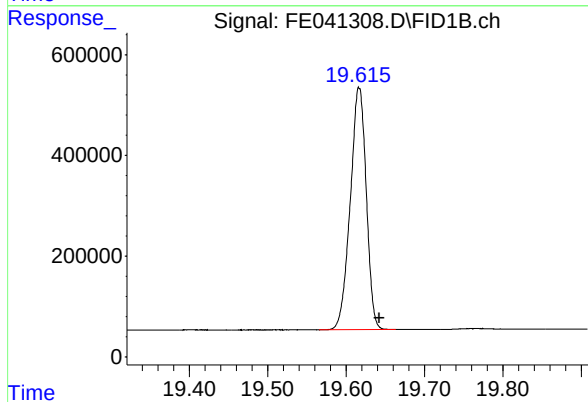
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



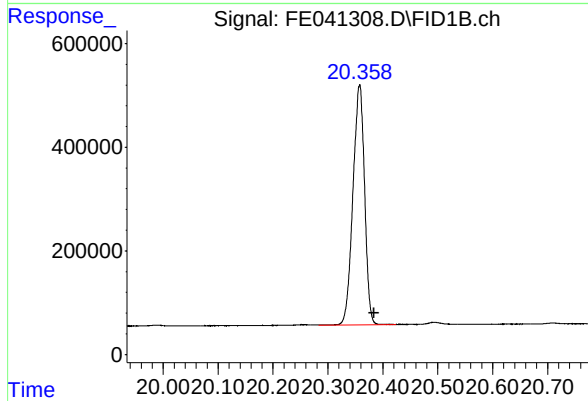
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.024 min
Response: 6785954
Conc: 43.46 ug/ml m



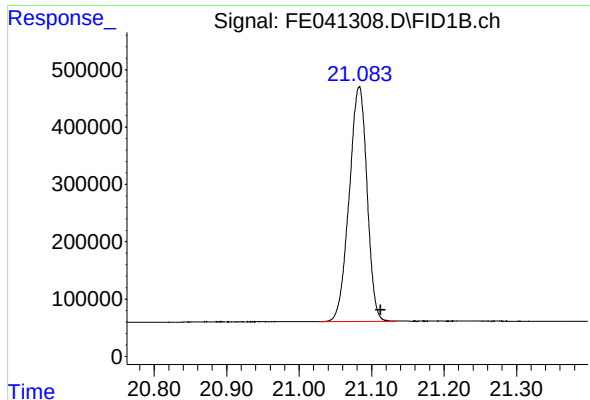
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.027 min
Response: 6823488
Conc: 44.03 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.026 min
Response: 6815503
Conc: 44.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.029 min
Response: 7003840
Conc: 44.83 ug/ml

Instrument :

FID_E

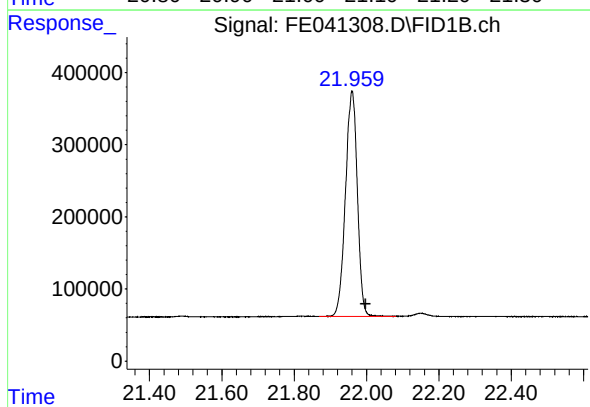
ClientSampleId :

PB152036BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.038 min
Response: 7118412
Conc: 44.60 ug/ml