

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041205.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 21:39
 Operator : YP\AJ
 Sample : PB151927BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151927BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/07/2023

Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e

Quant Time: Apr 07 03:19:43 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)	11.848	7915574	42.118 ug/ml
Spiked Amount 50.000		Recovery =	84.24%
12) S 1-chlorooctadecane (S...	13.286	6506678	45.223 ug/ml
Spiked Amount 50.000		Recovery =	90.45%
Target Compounds			
1) T n-Nonane (C9)	3.256	6506100	37.496 ug/ml
2) T n-Decane (C10)	4.498	6939395	40.768 ug/ml
3) T A~Naphthalene (C11.7)	6.194	7852602	42.932 ug/ml
4) T n-Dodecane (C12)	6.657	7647533	44.088 ug/ml
5) T A~2-methylnaphthalene...	7.288	7579557	45.766 ug/ml
6) T n-Tetradecane (C14)	8.485	7836315	44.942 ug/ml
7) T n-Hexadecane (C16)	10.091	8102433	45.557 ug/ml
8) T n-Octadecane (C18)	11.533	8044386	45.053 ug/ml
10) T n-Eicosane (C20)	12.843	7926806	46.471 ug/ml
11) T n-Heneicosane (C21)	13.455	7520227	44.450 ug/ml
13) T n-Docosane (C22)	14.041	7389631	44.654 ug/ml
14) T n-Tetracosane (C24)	15.140	6666488	41.206 ug/mlm
15) T n-Hexacosane (C26)	16.168	6948988	44.828 ug/ml
16) T n-Octacosane (C28)	17.116	7026867	45.873 ug/ml
17) T n-Tricontane (C30)	18.008	6822683	44.635 ug/ml
18) T n-Dotriacontane (C32)	18.839	6684750	42.816 ug/ml
19) T n-Tetratriacontane (C34)	19.625	6836119	44.113 ug/mlm
20) T n-Hexatriacontane (C36)	20.365	6837444	45.013 ug/ml
21) T n-Octatriacontane (C38)	21.091	7072031	45.270 ug/mlm
22) T n-Tetracontane (C40)	21.974	7407591	46.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
Data File : FE041205.D
Signal(s) : FID1B.ch
Acq On : 06 Apr 2023 21:39
Operator : YP\AJ
Sample : PB151927BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

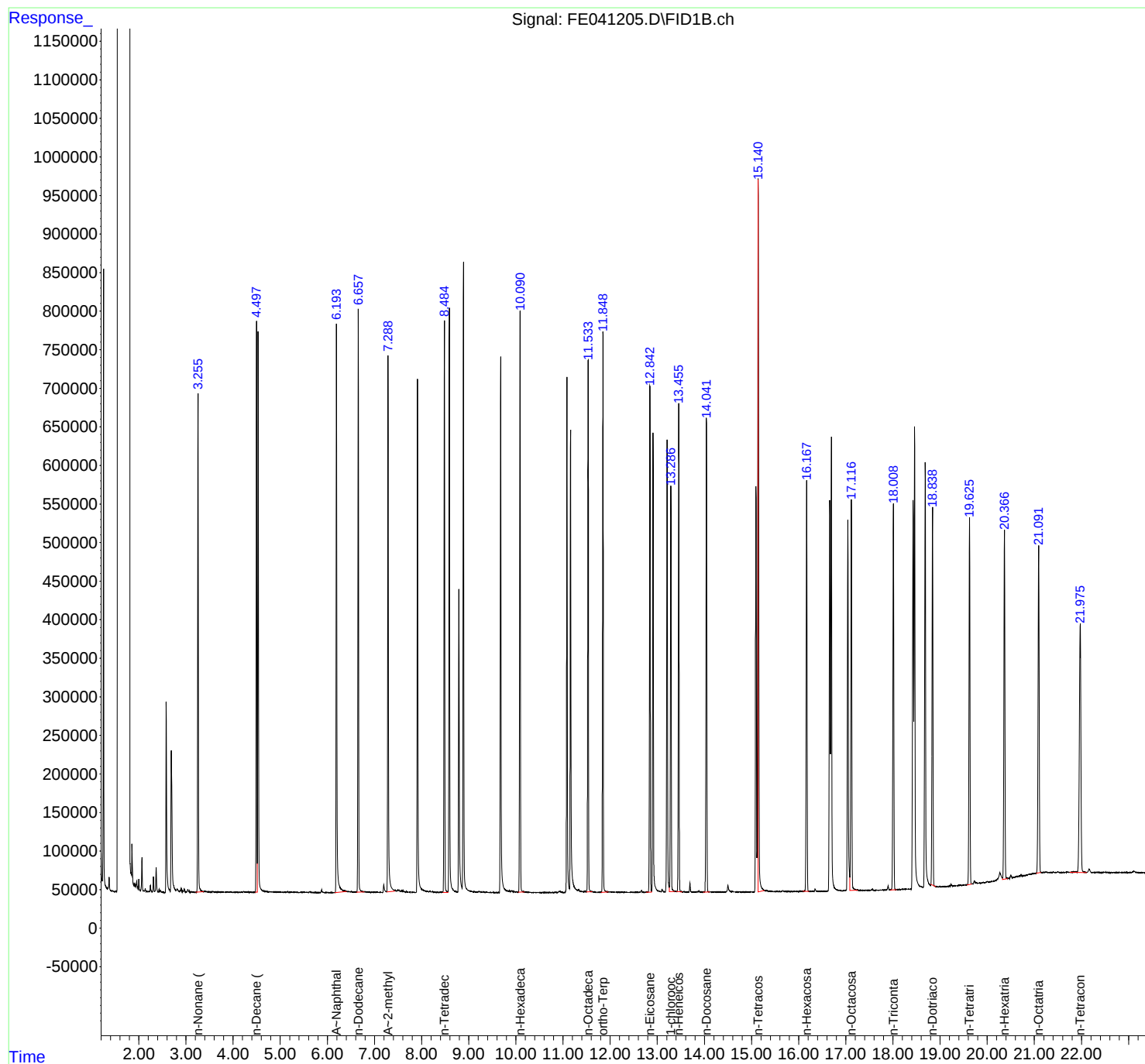
Instrument :
FID_E
ClientSampleId :
PB151927BSD

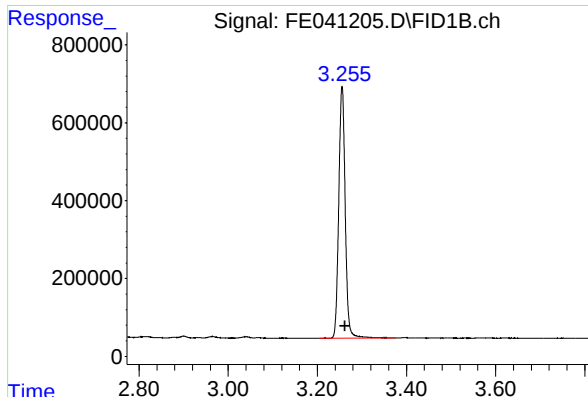
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
Quant Time: Apr 07 03:19:43 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





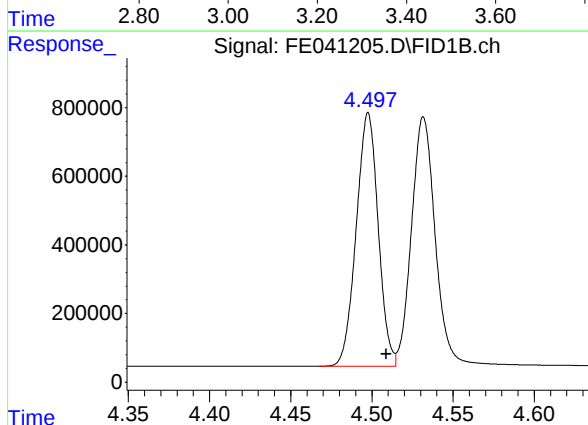
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.006 min
Response: 6506100
Conc: 37.50 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151927BSD

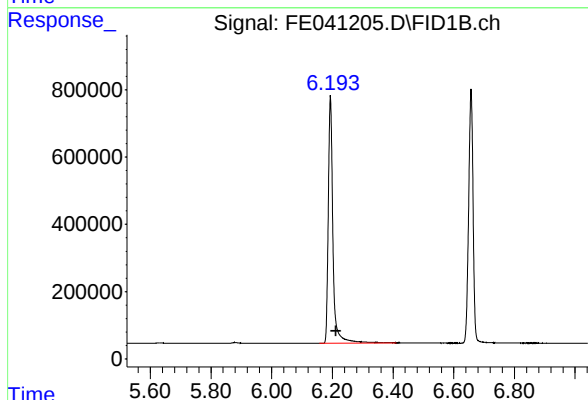
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



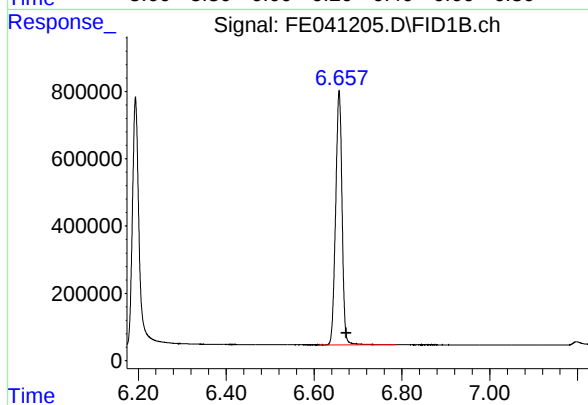
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.011 min
Response: 6939395
Conc: 40.77 ug/ml



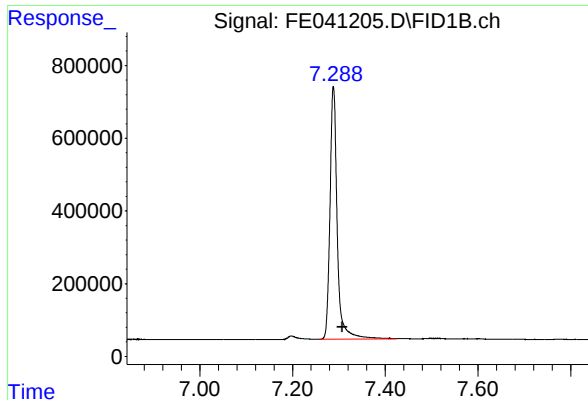
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.018 min
Response: 7852602
Conc: 42.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.016 min
Response: 7647533
Conc: 44.09 ug/ml



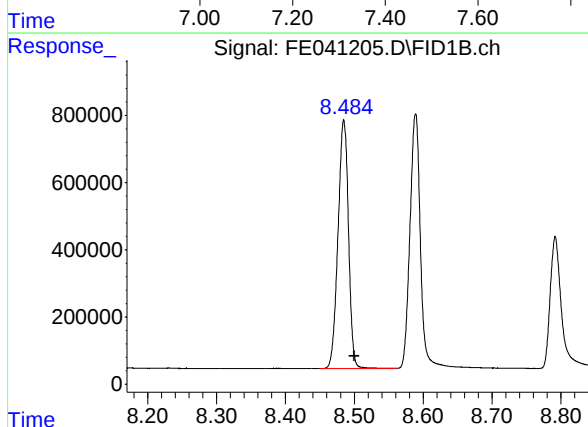
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.288 min
Delta R.T.: -0.019 min
Response: 7579557
Conc: 45.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151927BSD

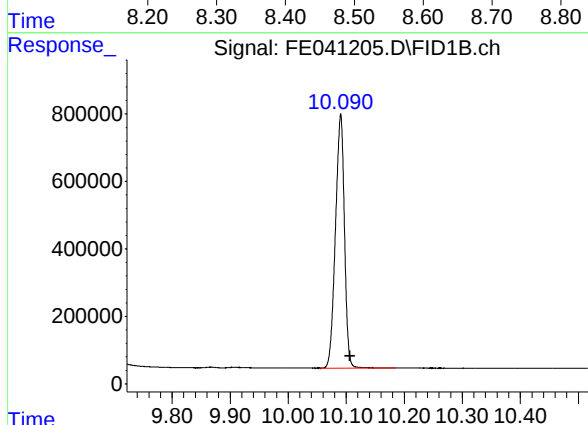
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



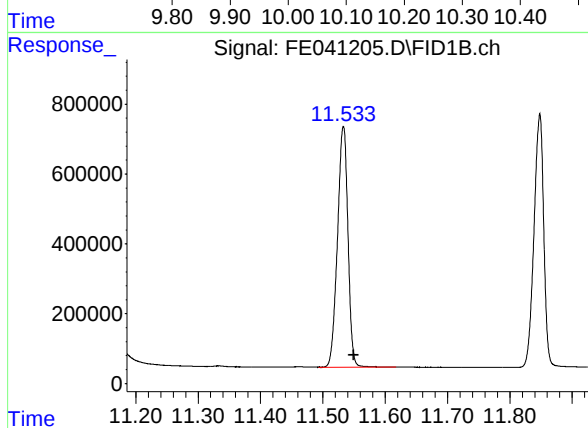
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: -0.015 min
Response: 7836315
Conc: 44.94 ug/ml



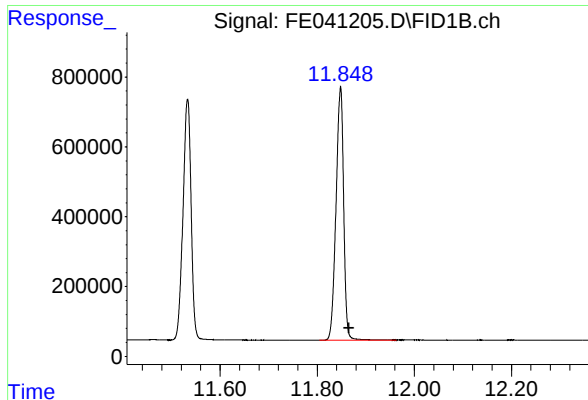
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: -0.016 min
Response: 8102433
Conc: 45.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.533 min
Delta R.T.: -0.016 min
Response: 8044386
Conc: 45.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.848 min
Delta R.T.: -0.017 min
Response: 7915574
Conc: 42.12 ug/ml

Instrument :

FID_E

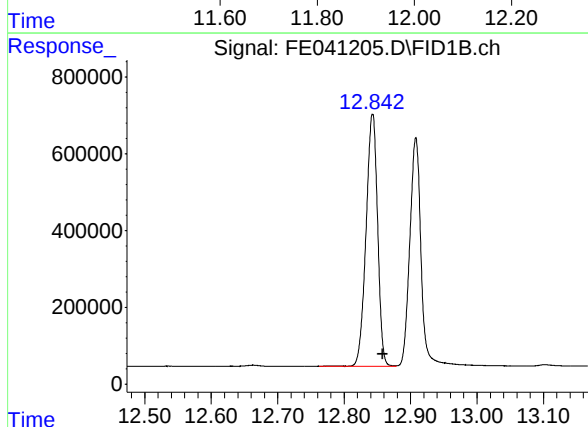
ClientSampleId :

PB151927BSD

Manual Integrations

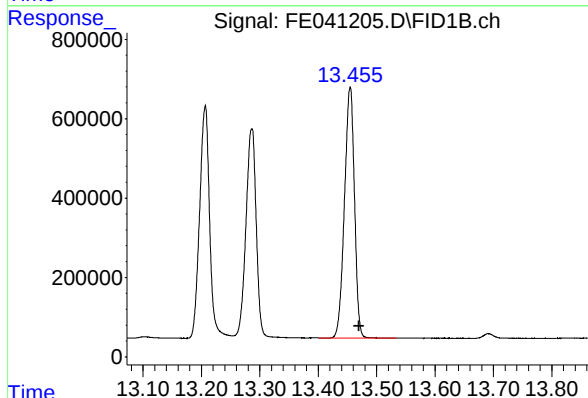
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



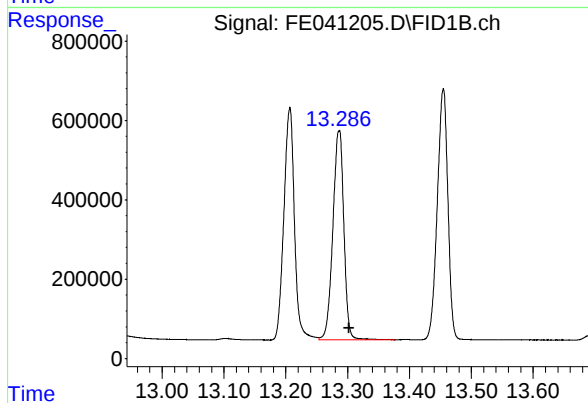
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.015 min
Response: 7926806
Conc: 46.47 ug/ml



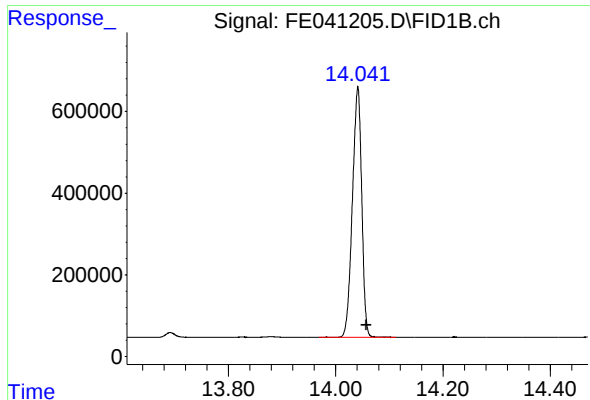
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 7520227
Conc: 44.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.016 min
Response: 6506678
Conc: 45.22 ug/ml



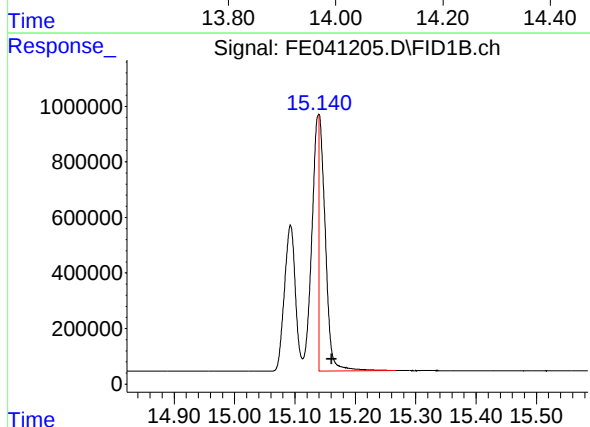
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.016 min
Response: 7389631
Conc: 44.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151927BSD

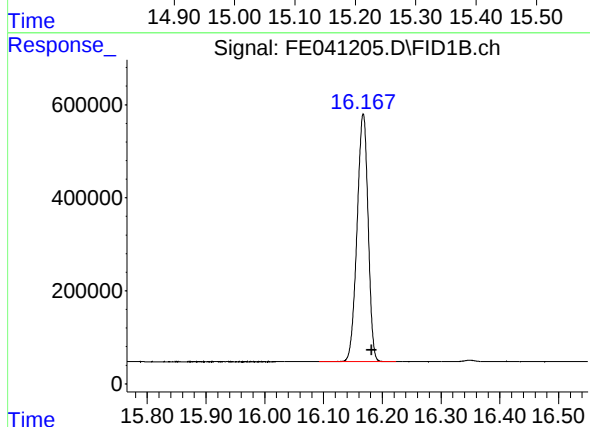
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



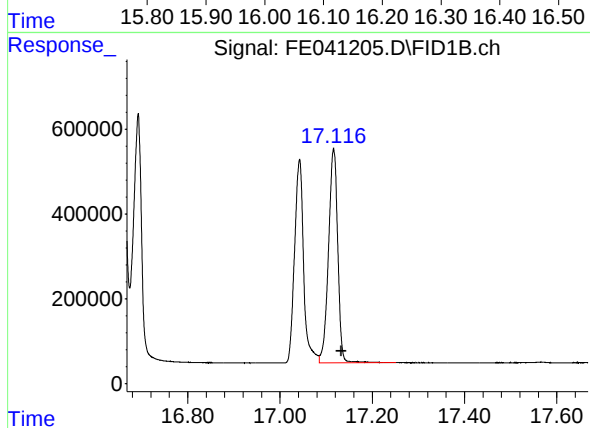
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.021 min
Response: 6666488
Conc: 41.21 ug/ml



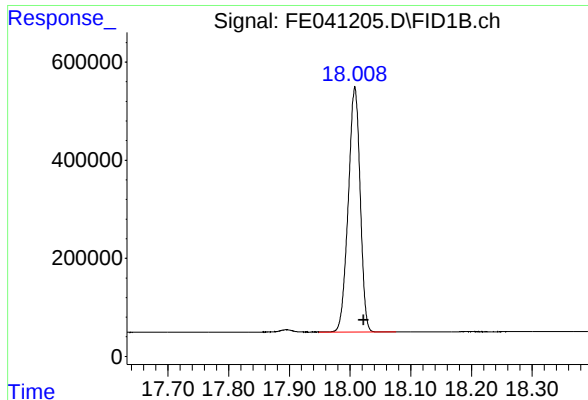
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.014 min
Response: 6948988
Conc: 44.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 7026867
Conc: 45.87 ug/ml



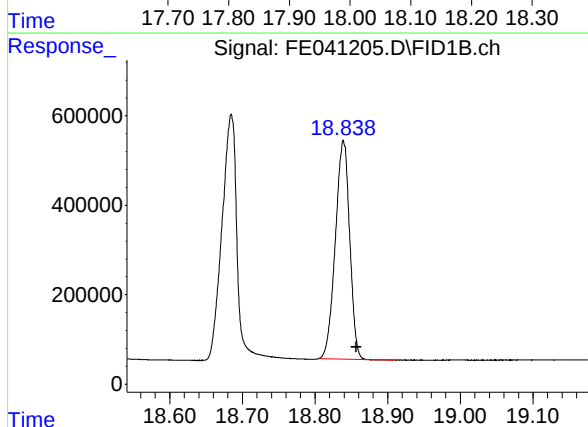
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.014 min
Response: 6822683
Conc: 44.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151927BSD

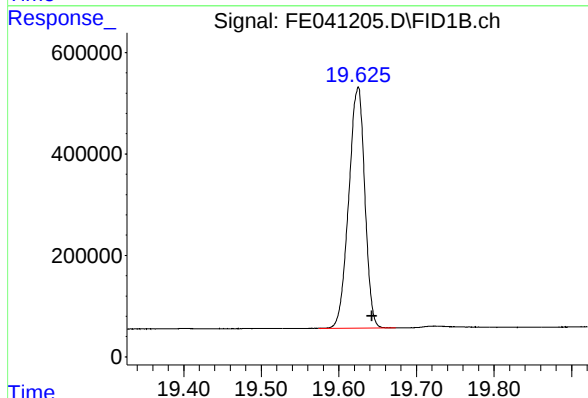
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



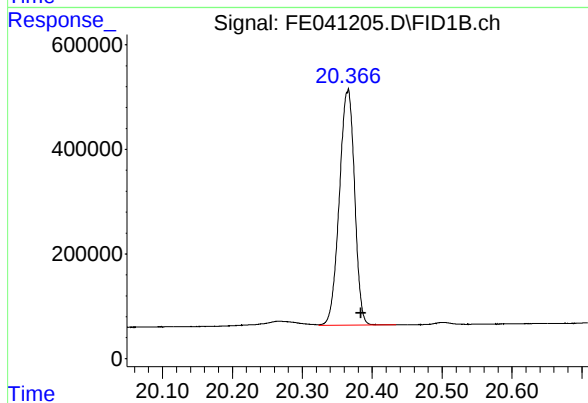
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.017 min
Response: 6684750
Conc: 42.82 ug/ml



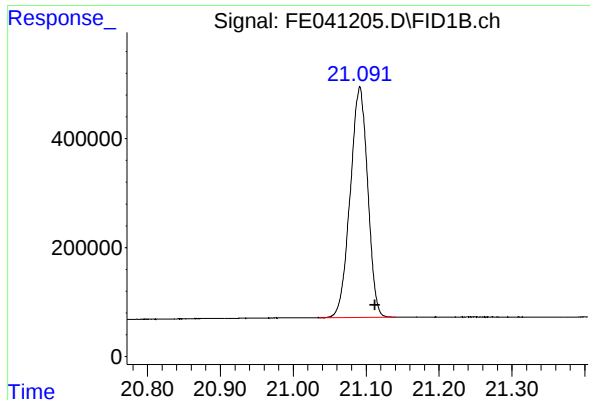
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.018 min
Response: 6836119
Conc: 44.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: -0.019 min
Response: 6837444
Conc: 45.01 ug/ml



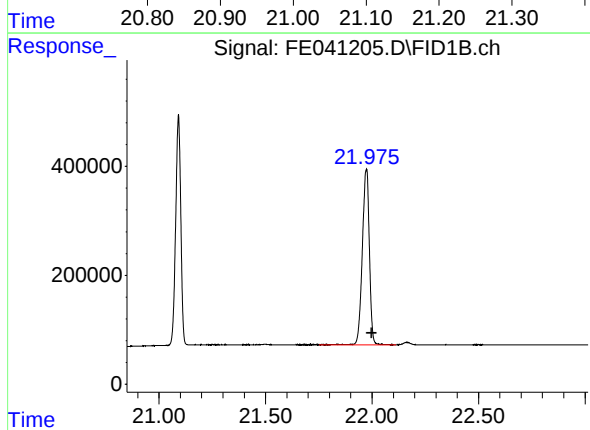
#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.021 min
Response: 7072031
Conc: 45.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151927BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.024 min
Response: 7407591
Conc: 46.41 ug/ml