

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046314.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 18:49
 Operator : YP\AJ
 Sample : PB158520BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158520BSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 01/22/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 19 22:10:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.829	8946998	49.234 ug/ml
Spiked Amount 50.000		Recovery =	98.47%
12) S 1-chlorooctadecane (S...	13.271	7168132	53.649 ug/ml
Spiked Amount 50.000		Recovery =	107.30%
Target Compounds			
1) T n-Nonane (C9)	3.229	7147382	46.701 ug/ml
2) T n-Decane (C10)	4.472	7472069	48.146 ug/ml
3) T A~Naphthalene (C11.7)	6.170	8848114	53.204 ug/ml
4) T n-Dodecane (C12)	6.633	8004399	51.265 ug/ml
5) T A~2-methylnaphthalene...	7.265	8585538	53.925 ug/ml
6) T n-Tetradecane (C14)	8.460	8163284	52.405 ug/ml
7) T n-Hexadecane (C16)	10.068	8200817	51.787 ug/ml
8) T n-Octadecane (C18)	11.514	8319427	52.858 ug/ml
10) T n-Eicosane (C20)	12.827	8318535	54.988 ug/ml
11) T n-Heneicosane (C21)	13.439	7955102	54.098 ug/ml
13) T n-Docosane (C22)	14.026	7837145	53.616 ug/ml
14) T n-Tetracosane (C24)	15.129	17316867	119.399 ug/ml
15) T n-Hexacosane (C26)	16.155	7388791	51.537 ug/ml
16) T n-Octacosane (C28)	17.105	8931754	62.277 ug/ml
17) T n-Tricontane (C30)	17.997	7262562	48.861 ug/ml
18) T n-Dotriacontane (C32)	18.831	8106165	54.199 ug/ml
19) T n-Tetratriacontane (C34)	19.619	7307682	51.011 ug/ml
20) T n-Hexatriacontane (C36)	20.358	7619958	52.263 ug/ml
21) T n-Octatriacontane (C38)	21.092	8204028	55.636 ug/ml
22) T n-Tetracontane (C40)	21.990	9070629	57.950 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
Data File : FE046314.D
Signal(s) : FID1B.ch
Acq On : 19 Jan 2024 18:49
Operator : YP\AJ
Sample : PB158520BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

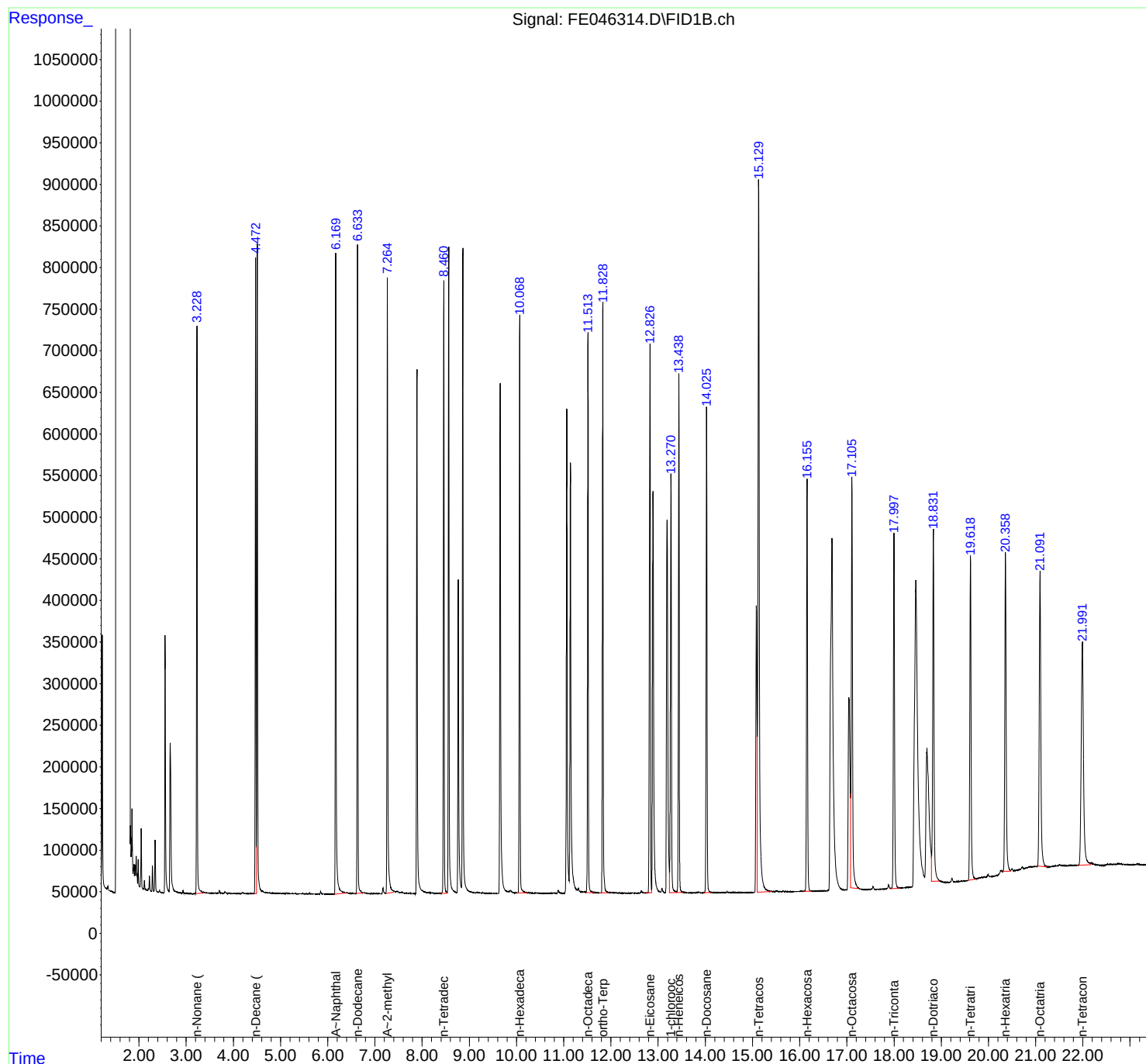
Instrument :
FID_E
ClientSampleId :
PB158520BSD

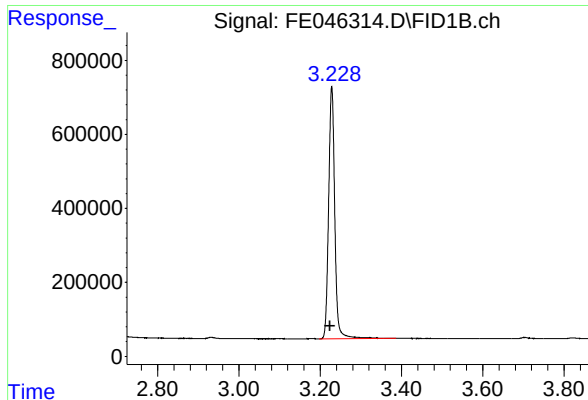
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
Quant Time: Jan 19 22:10:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 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.: 3.229 min
Delta R.T.: 0.005 min
Response: 7147382
Conc: 46.70 ug/ml

Instrument :

FID_E

ClientSampleId :

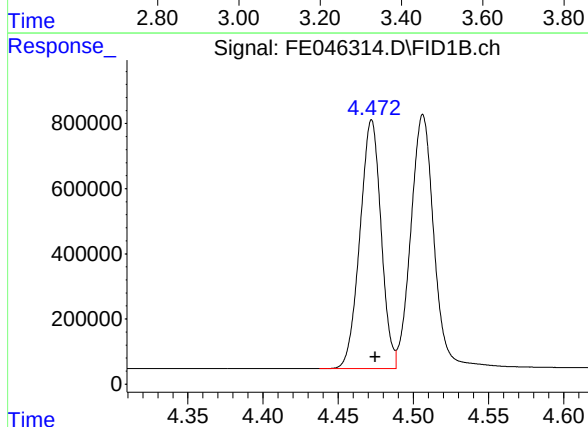
PB158520BSD

Manual Integrations

APPROVED

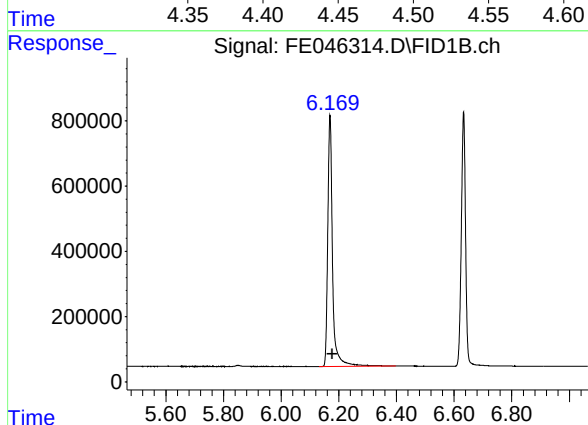
Reviewed By :Ankita Jodhani 01/22/2024

Supervised By :Sohil Jodhani 01/23/2024



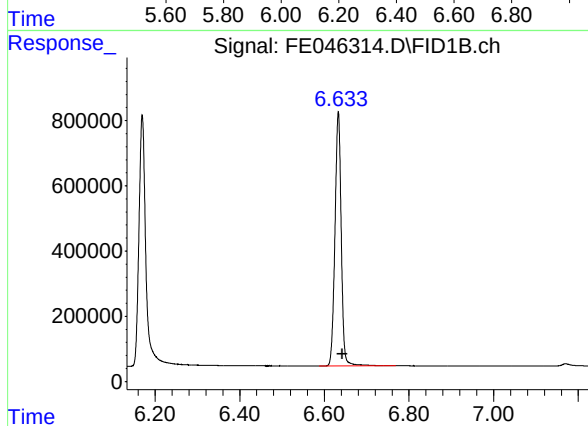
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.002 min
Response: 7472069
Conc: 48.15 ug/ml



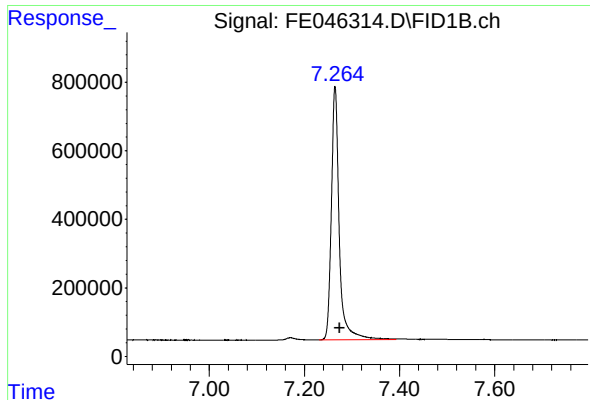
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 8848114
Conc: 53.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 8004399
Conc: 51.27 ug/ml



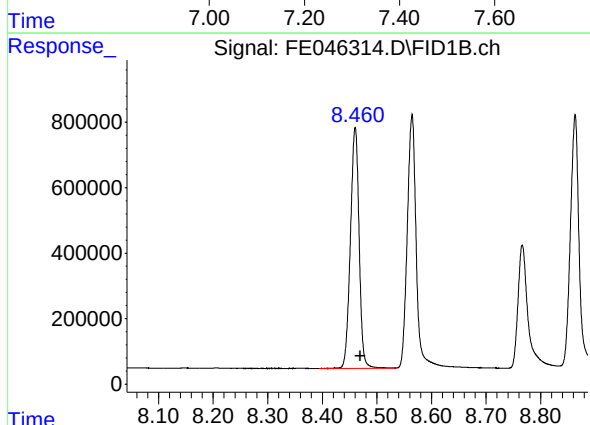
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 8585538
Conc: 53.93 ug/ml

Instrument :
FID_E
ClientSampleId :
PB158520BSD

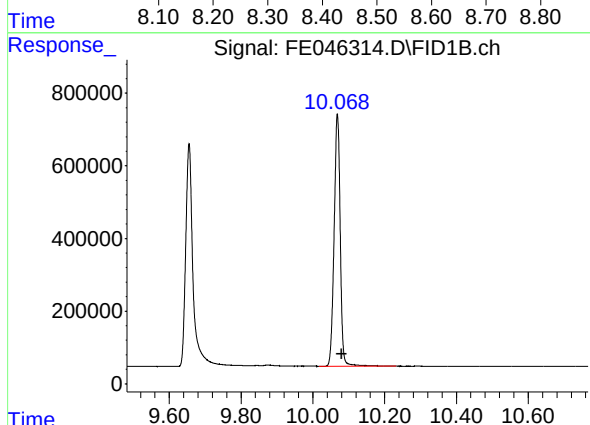
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024



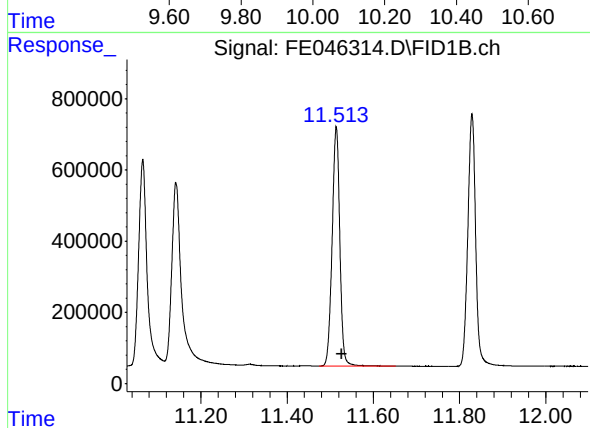
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 8163284
Conc: 52.41 ug/ml



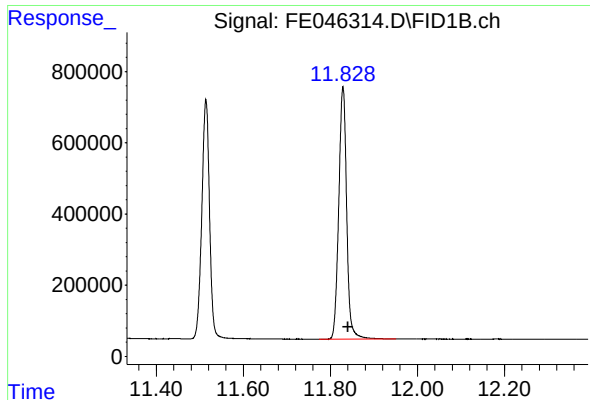
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 8200817
Conc: 51.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 8319427
Conc: 52.86 ug/ml



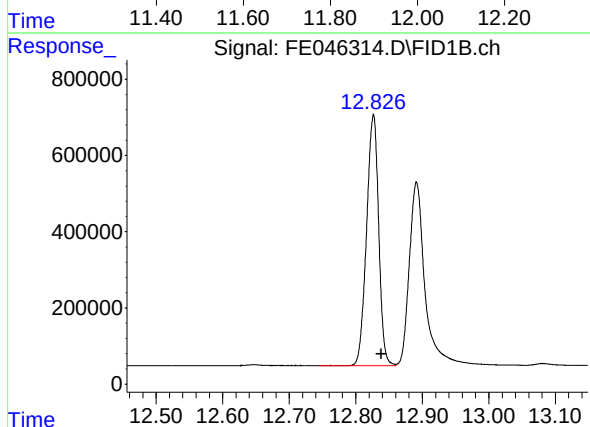
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.011 min
Response: 8946998
Conc: 49.23 ug/ml

Instrument :
FID_E
ClientSampleId :
PB158520BSD

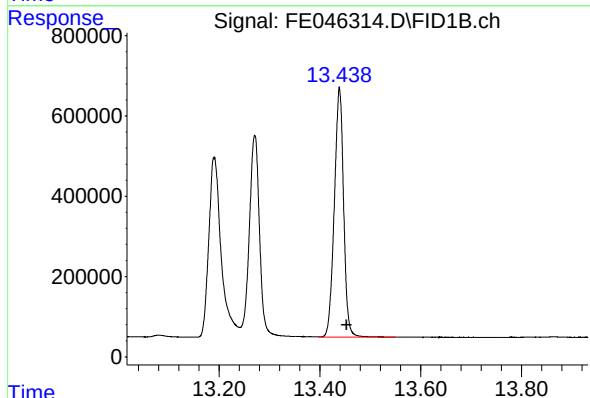
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024



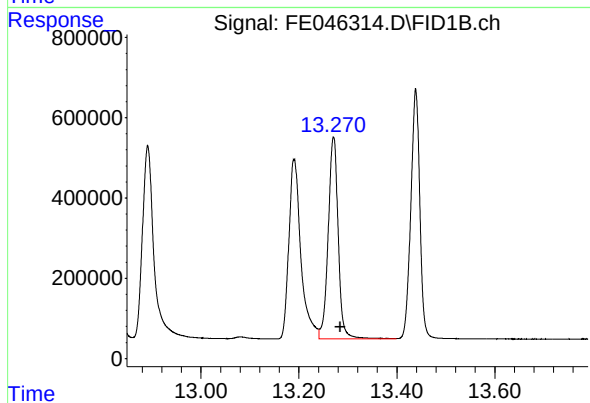
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 8318535
Conc: 54.99 ug/ml



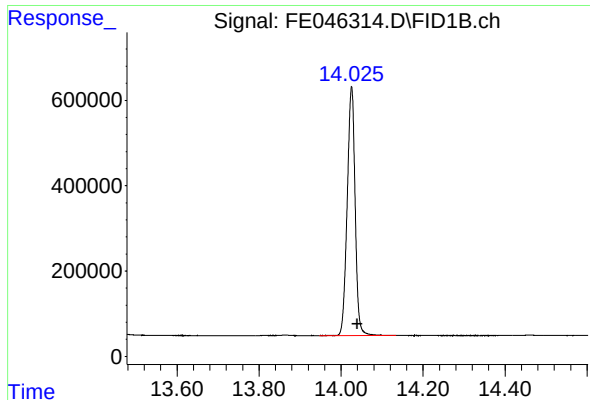
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.014 min
Response: 7955102
Conc: 54.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.013 min
Response: 7168132
Conc: 53.65 ug/ml



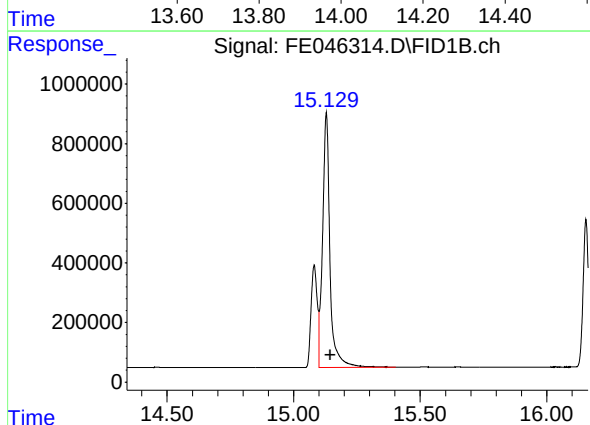
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 7837145
Conc: 53.62 ug/ml

Instrument :
FID_E
ClientSampleId :
PB158520BSD

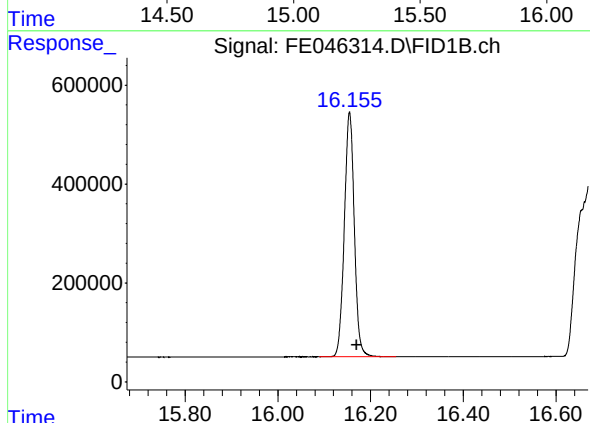
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024



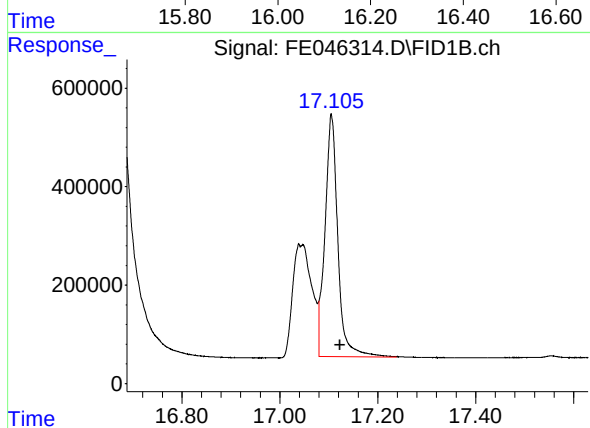
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 17316867
Conc: 119.40 ug/ml



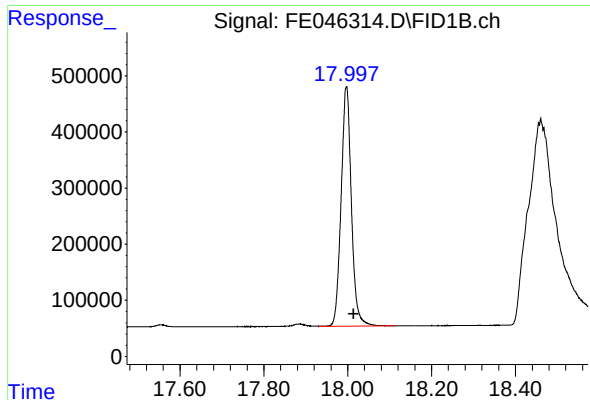
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 7388791
Conc: 51.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.018 min
Response: 8931754
Conc: 62.28 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.017 min
Response: 7262562
Conc: 48.86 ug/ml

Instrument :

FID_E

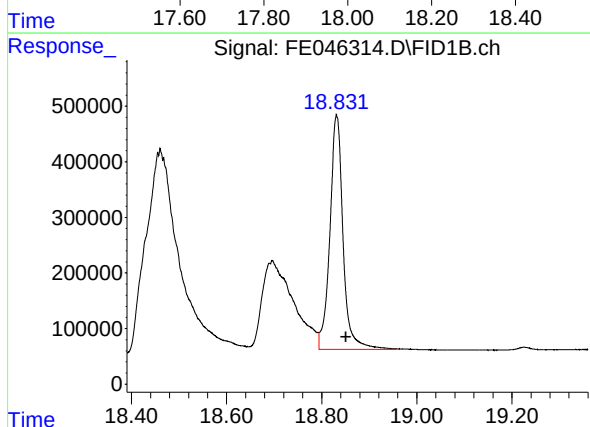
ClientSampleId :

PB158520BSD

Manual Integrations

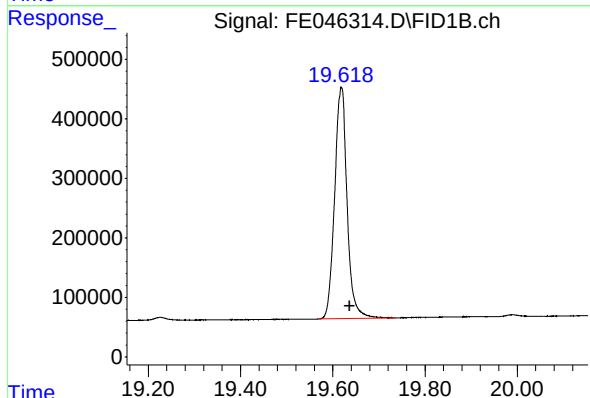
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024



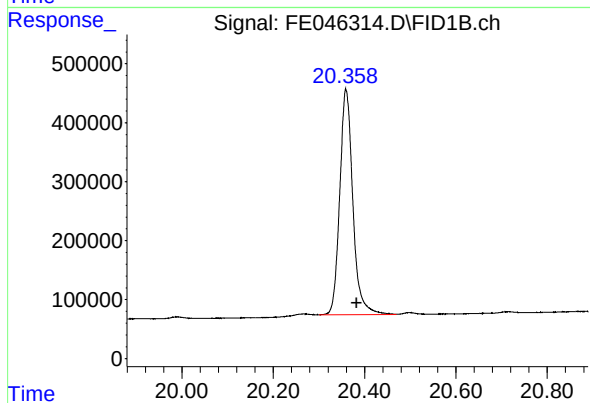
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.021 min
Response: 8106165
Conc: 54.20 ug/ml m



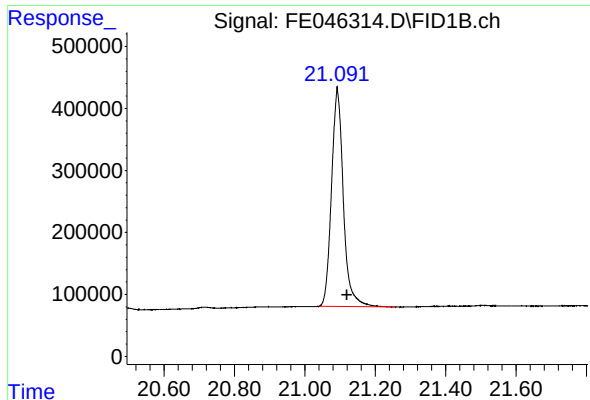
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 7307682
Conc: 51.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.024 min
Response: 7619958
Conc: 52.26 ug/ml m



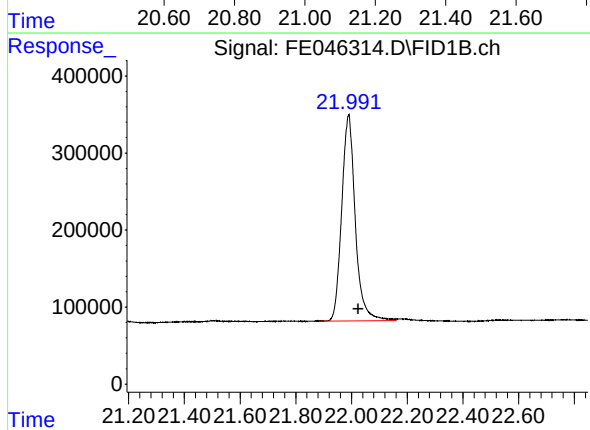
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.028 min
Response: 8204028
Conc: 55.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB158520BSD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
Supervised By :Sohil Jodhani 01/23/2024



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.035 min
Response: 9070629
Conc: 57.95 ug/ml