

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049780.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2024 15:35
 Operator : YP\AJ
 Sample : PB163020BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163020BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :Ankita Jodhani 08/28/2024

Integration File: autoint1.e

Quant Time: Aug 28 01:30:57 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

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)	11.888	6432193	39.776 ug/ml
Spiked Amount 50.000		Recovery =	79.55%
12) S 1-chlorooctadecane (S...	13.323	5008423	41.051 ug/ml
Spiked Amount 50.000		Recovery =	82.10%
Target Compounds			
1) T n-Nonane (C9)	3.281	5802046	37.492 ug/ml
2) T n-Decane (C10)	4.528	6208118	39.319 ug/ml
3) T A~Naphthalene (C11.7)	6.233	6396606	39.866 ug/ml
4) T n-Dodecane (C12)	6.693	6467124	41.137 ug/ml
5) T A~2-methylnaphthalene...	7.330	6224467	41.565 ug/ml
6) T n-Tetradecane (C14)	8.522	6490331	42.041 ug/ml
7) T n-Hexadecane (C16)	10.127	6364583	40.751 ug/ml
8) T n-Octadecane (C18)	11.569	6439870	41.004 ug/ml
10) T n-Eicosane (C20)	12.878	6428755	43.057 ug/ml
11) T n-Heneicosane (C21)	13.489	6260099	42.674 ug/ml
13) T n-Docosane (C22)	14.075	6175116	42.367 ug/ml
14) T n-Tetracosane (C24)	15.173	11299376	77.677 ug/ml
15) T n-Hexacosane (C26)	16.197	6048834	41.911 ug/ml
16) T n-Octacosane (C28)	17.145	6463493	44.873 ug/ml
17) T n-Tricontane (C30)	18.033	6192526	41.365 ug/ml
18) T n-Dotriacontane (C32)	18.862	6275277	41.480 ug/mlm
19) T n-Tetratriacontane (C34)	19.647	6515982	42.621 ug/ml
20) T n-Hexatriacontane (C36)	20.386	6673335	43.946 ug/ml
21) T n-Octatriacontane (C38)	21.115	6857623	43.692 ug/ml
22) T n-Tetracontane (C40)	22.013	6682481	43.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
Data File : FE049780.D
Signal(s) : FID1B.ch
Acq On : 27 Aug 2024 15:35
Operator : YP\AJ
Sample : PB163020BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

Client Sample Id :

PB163020BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :Ankita Jodhani 08/28/2024

Integration File: autoint1.e

Quant Time: Aug 28 01:30:57 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

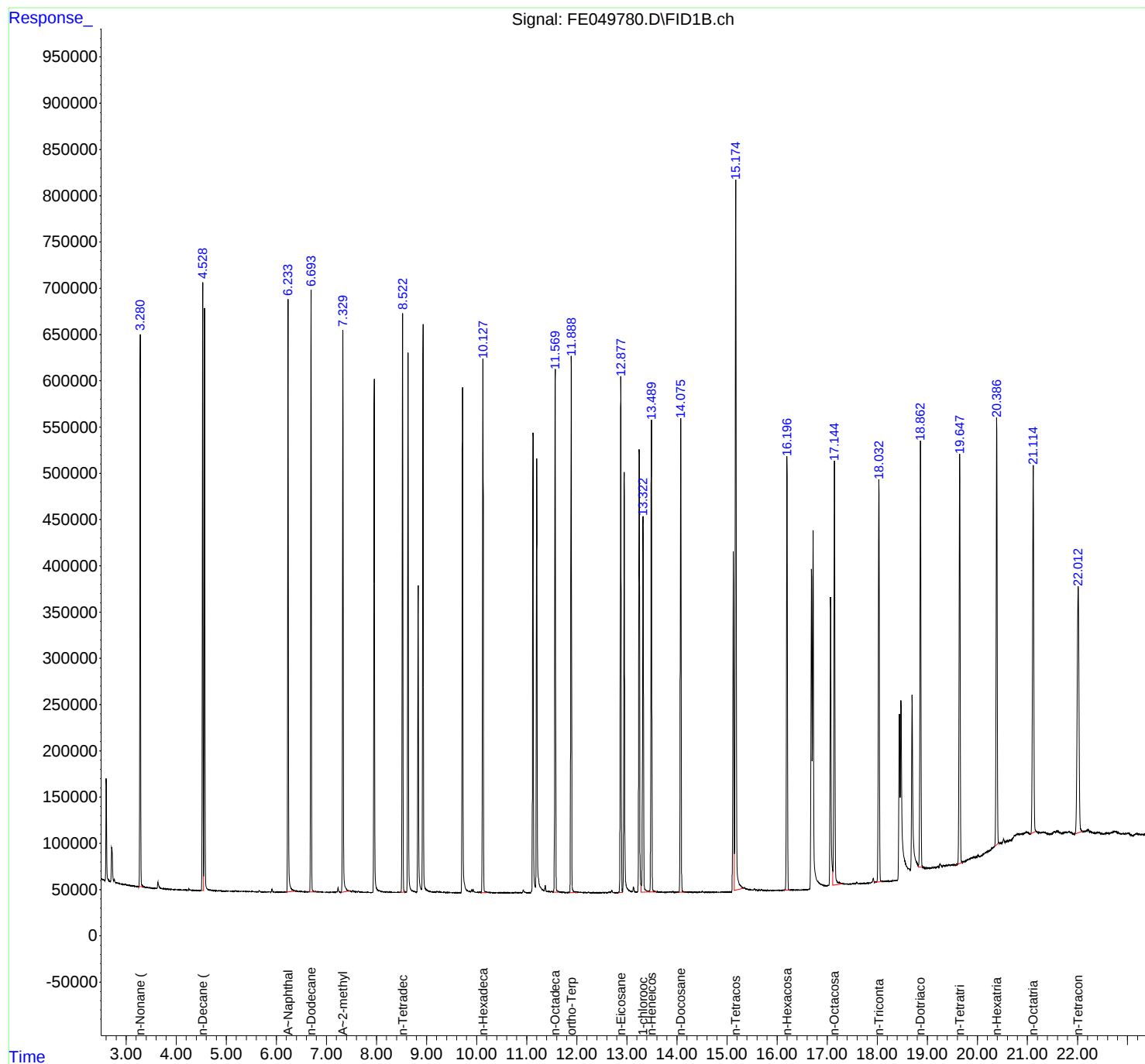
Response via : Initial Calibration

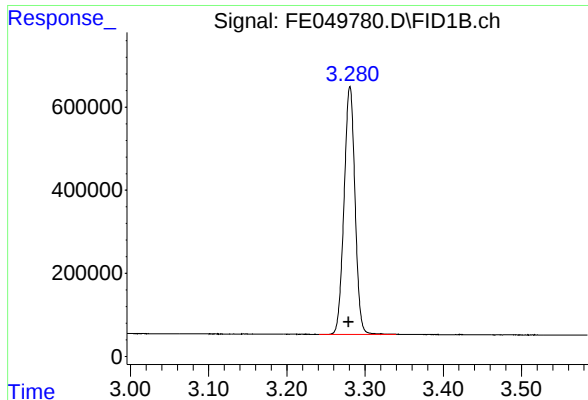
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 5802046
Conc: 37.49 ug/ml

Instrument :

FID_E

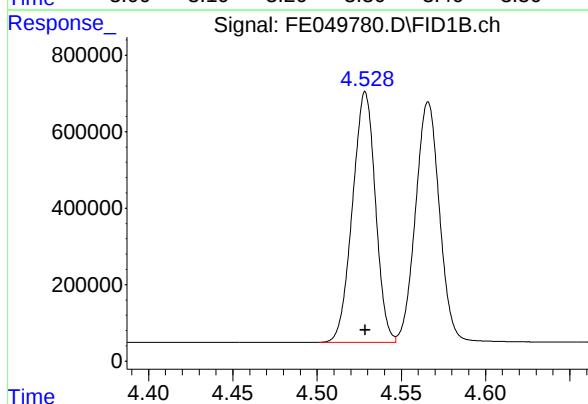
ClientSampleId :

PB163020BS

Manual Integrations

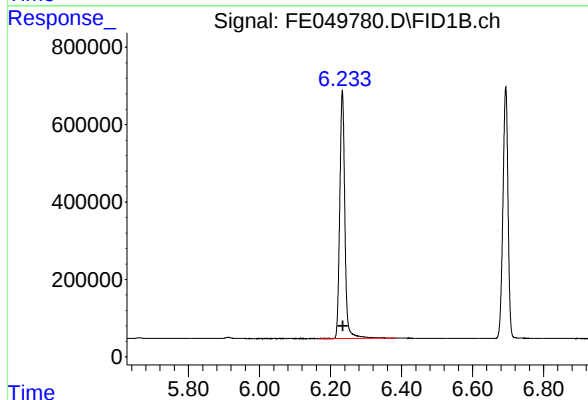
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



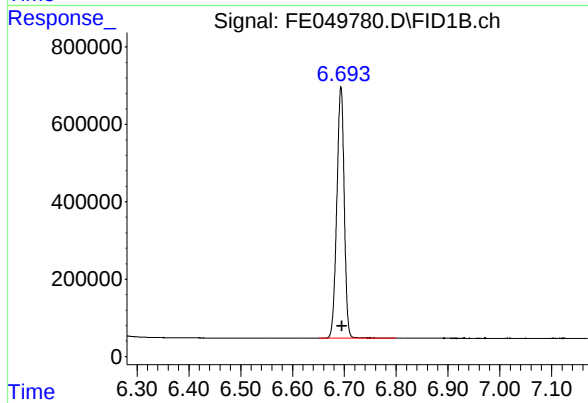
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 6208118
Conc: 39.32 ug/ml



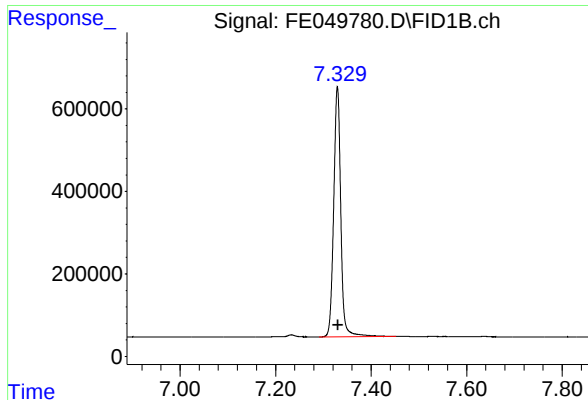
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 6396606
Conc: 39.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 6467124
Conc: 41.14 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 6224467
Conc: 41.56 ug/ml

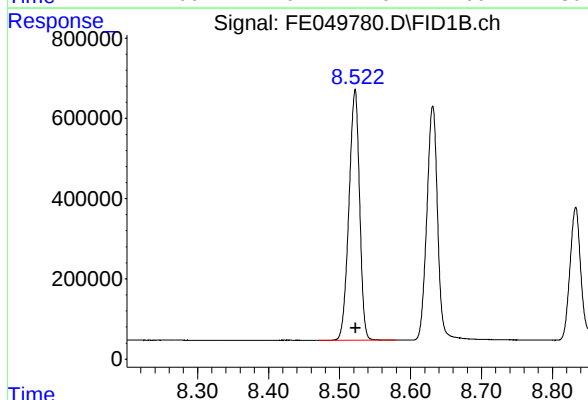
Instrument :

FID_E

ClientSampleId :
PB163020BS

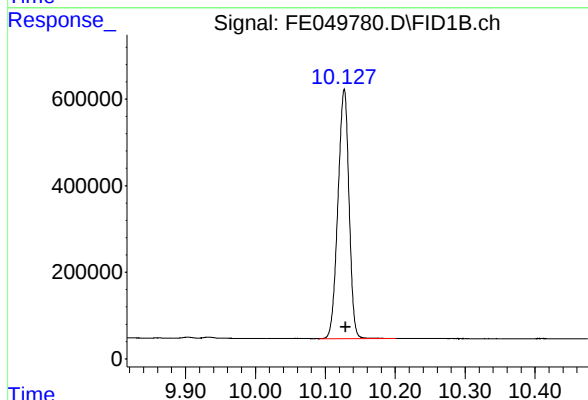
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



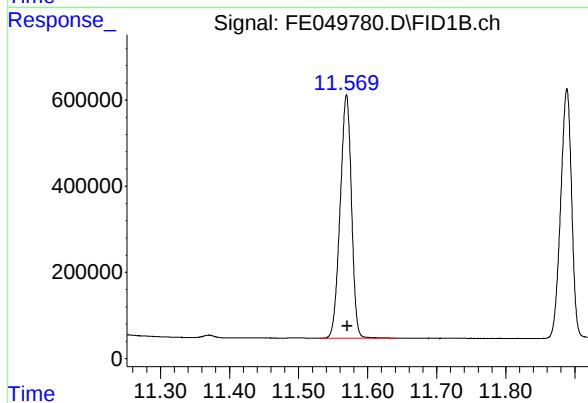
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 6490331
Conc: 42.04 ug/ml



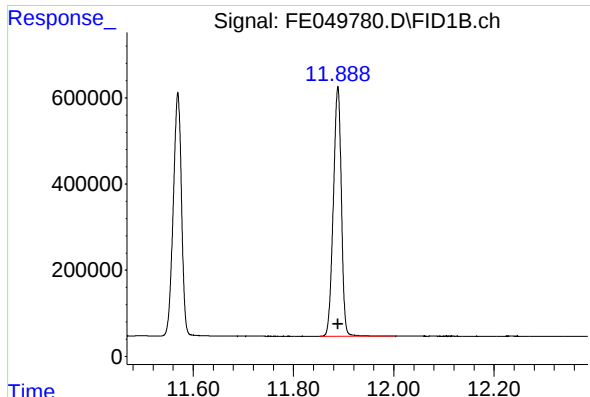
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.002 min
Response: 6364583
Conc: 40.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: -0.001 min
Response: 6439870
Conc: 41.00 ug/ml



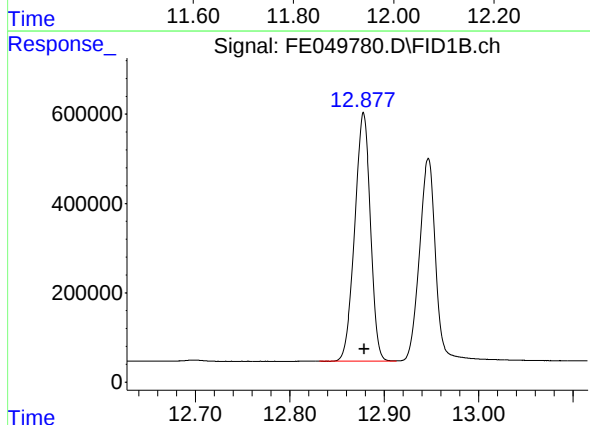
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 6432193
Conc: 39.78 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163020BS

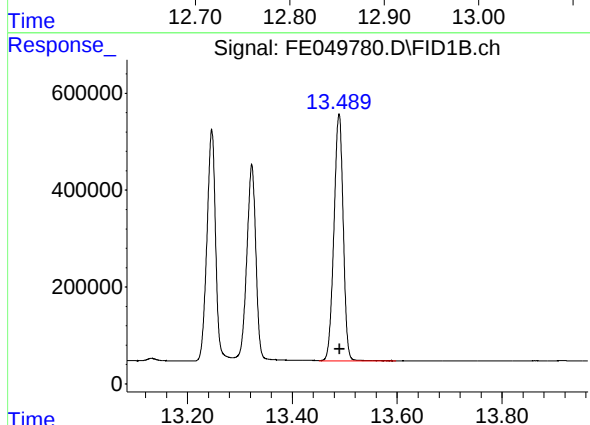
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



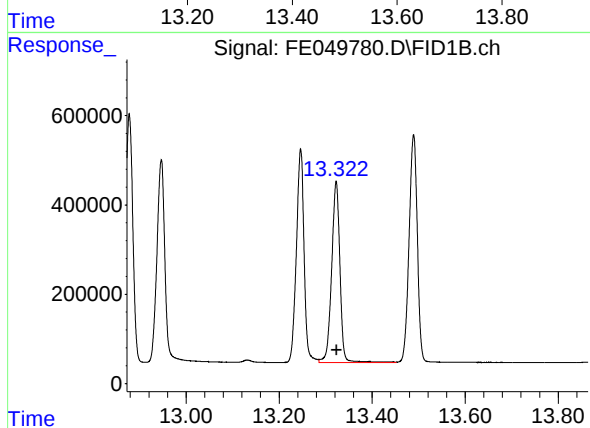
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 6428755
Conc: 43.06 ug/ml



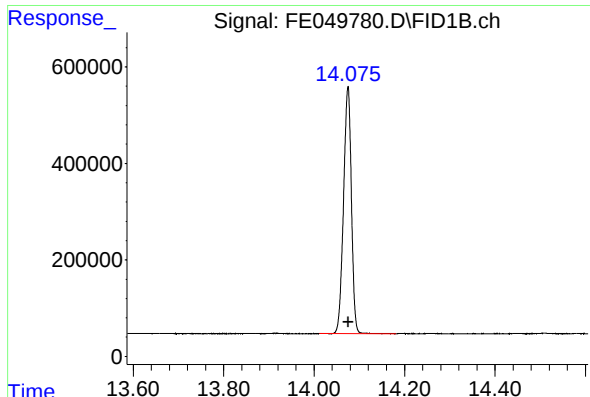
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 6260099
Conc: 42.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 5008423
Conc: 41.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.000 min
Response: 6175116
Conc: 42.37 ug/ml

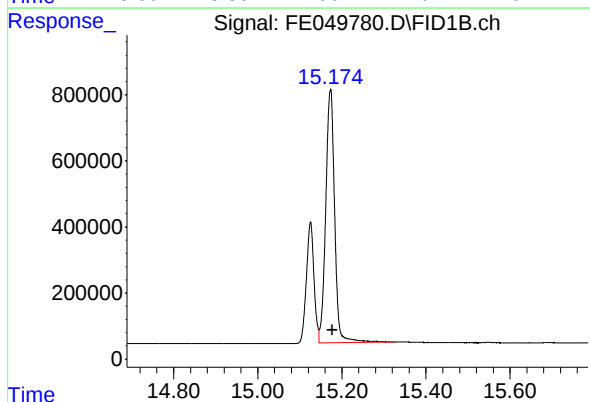
Instrument :

FID_E

ClientSampleId :
PB163020BS

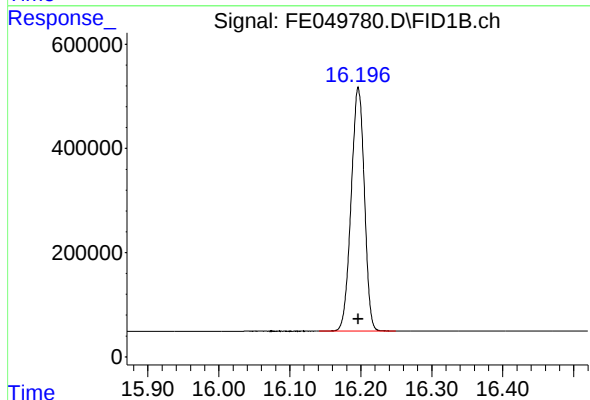
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



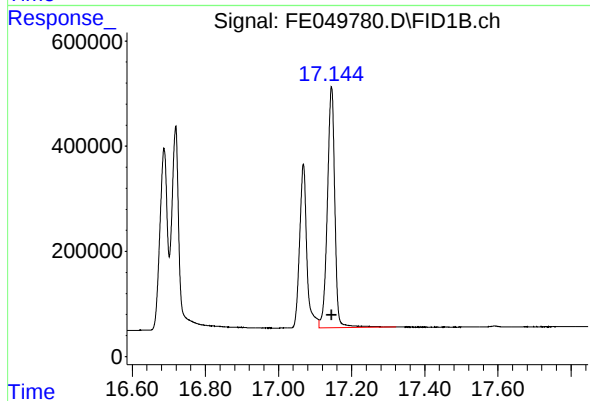
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 11299376
Conc: 77.68 ug/ml



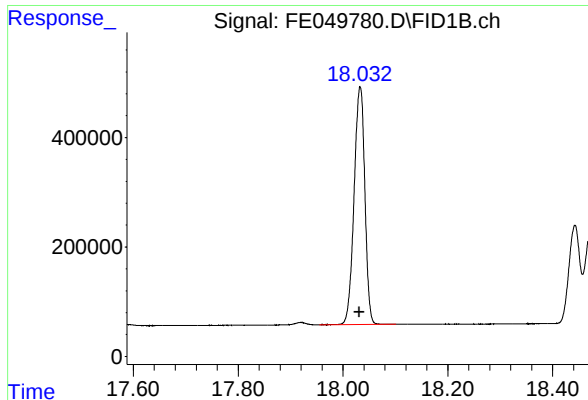
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 6048834
Conc: 41.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 6463493
Conc: 44.87 ug/ml



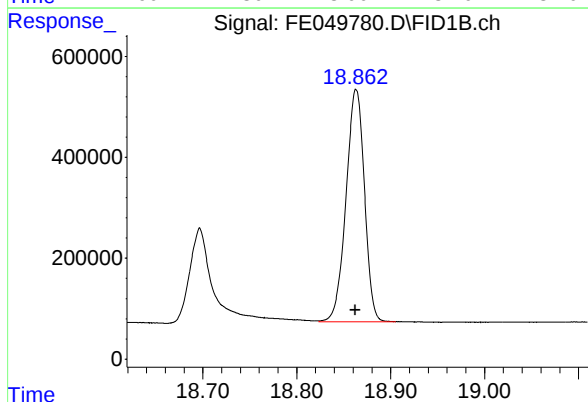
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 6192526
Conc: 41.37 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163020BS

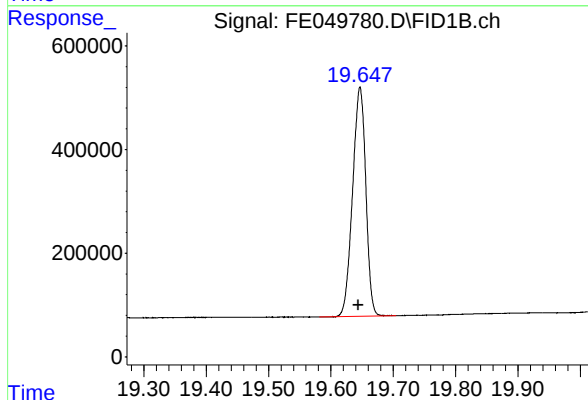
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



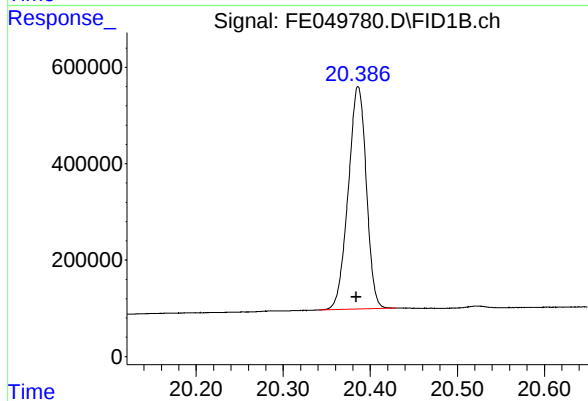
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 6275277
Conc: 41.48 ug/ml m



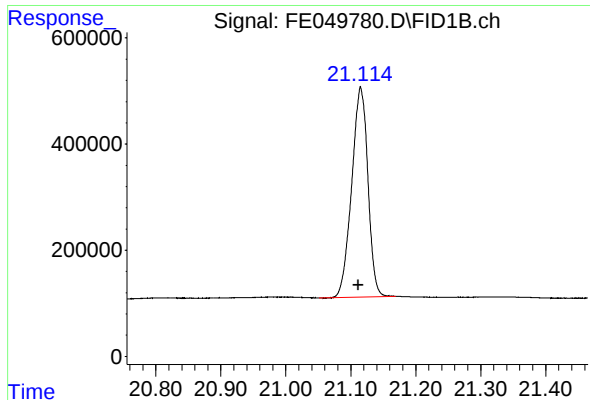
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.002 min
Response: 6515982
Conc: 42.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 6673335
Conc: 43.95 ug/ml



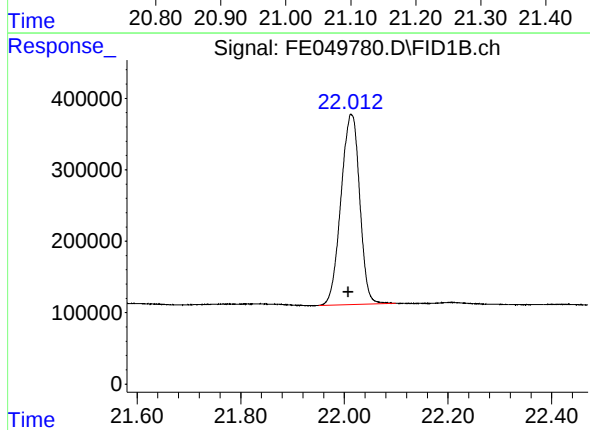
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.003 min
Response: 6857623
Conc: 43.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163020BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.006 min
Response: 6682481
Conc: 43.77 ug/ml