

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049496.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 17:24
 Operator : YP\AJ
 Sample : P3485-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 01:10:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.892	4764032	30.715 ug/ml
Spiked Amount 50.000		Recovery =	61.43%
12) S 1-chlorooctadecane (S...	13.327	3890168	33.296 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
Target Compounds			
1) T n-Nonane (C9)	3.284	5247056	34.890 ug/ml
2) T n-Decane (C10)	4.534	5891526	38.145 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6845040	43.934 ug/ml
4) T n-Dodecane (C12)	6.699	6113105	39.701 ug/ml
5) T A~2-methylnaphthalene...	7.334	6880205	47.277 ug/mlm
6) T n-Tetradecane (C14)	8.528	6726430	44.318 ug/ml
7) T n-Hexadecane (C16)	10.133	7260414	47.874 ug/ml
8) T n-Octadecane (C18)	11.576	7523800	49.554 ug/ml
10) T n-Eicosane (C20)	12.884	7548723	52.202 ug/ml
11) T n-Heneicosane (C21)	13.496	7362314	51.917 ug/ml
13) T n-Docosane (C22)	14.080	7260100	51.676 ug/ml
14) T n-Tetracosane (C24)	15.176	14024219	100.065 ug/ml
15) T n-Hexacosane (C26)	16.203	7211825	51.432 ug/ml
16) T n-Octacosane (C28)	17.150	7670741	54.804 ug/ml
17) T n-Tricontane (C30)	18.038	7343280	50.341 ug/ml
18) T n-Dotriacontane (C32)	18.869	7318683	49.774 ug/ml
19) T n-Tetratriacontane (C34)	19.652	7598845	52.022 ug/ml
20) T n-Hexatriacontane (C36)	20.391	7672548	53.223 ug/ml
21) T n-Octatriacontane (C38)	21.120	8003303	53.466 ug/ml
22) T n-Tetracontane (C40)	22.018	7779500	51.552 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
Data File : FE049496.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2024 17:24
Operator : YP\AJ
Sample : P3485-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

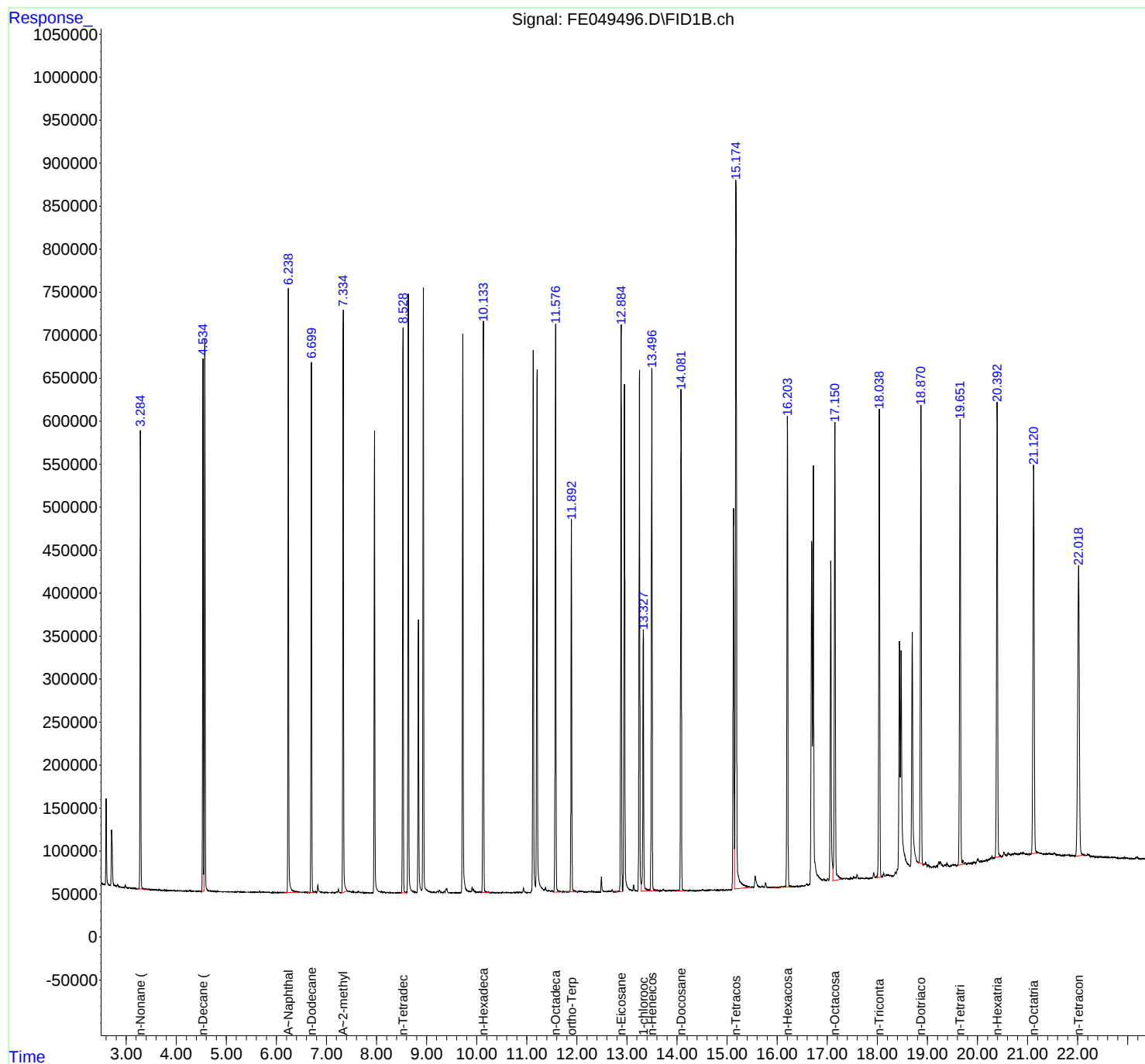
Instrument :
FID_E
ClientSampleId :
CMS

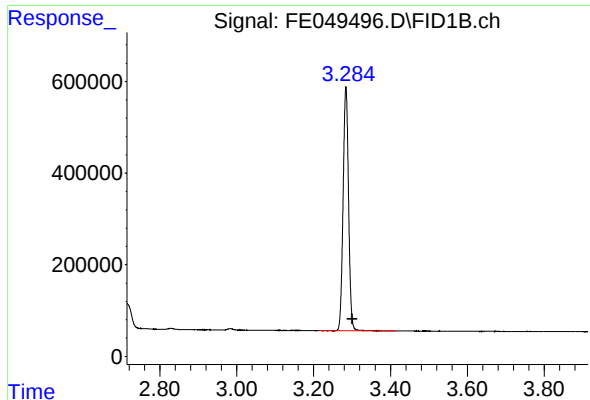
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Aug 08 01:10:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.
Quant Title : GC Extractables
QLast Update : Wed Jul 17 14:26:40 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.: 3.284 min
Delta R.T.: -0.017 min
Response: 5247056
Conc: 34.89 ug/ml

Instrument :

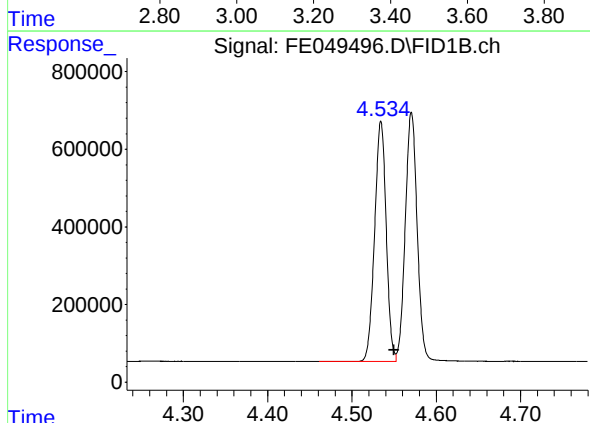
FID_E

ClientSampleId :

CMS

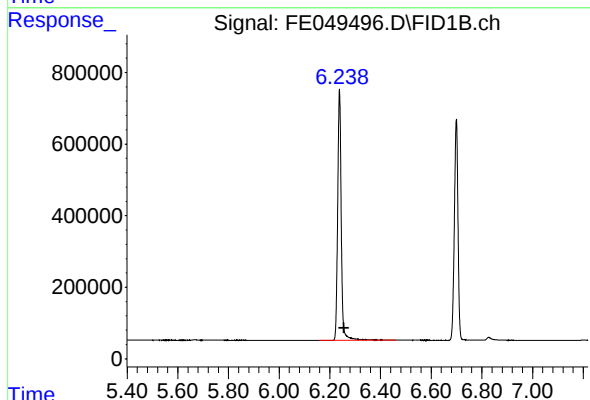
Manual Integrations
APPROVED

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



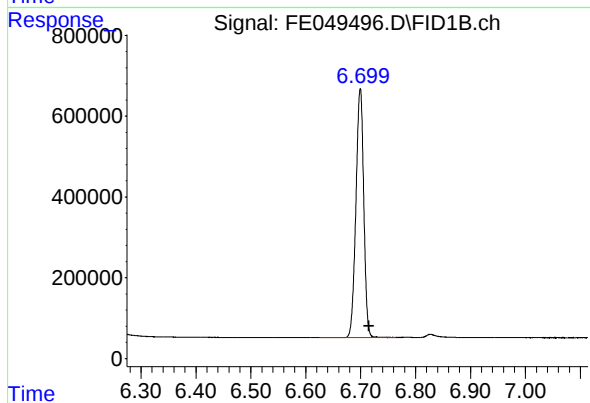
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.015 min
Response: 5891526
Conc: 38.14 ug/ml



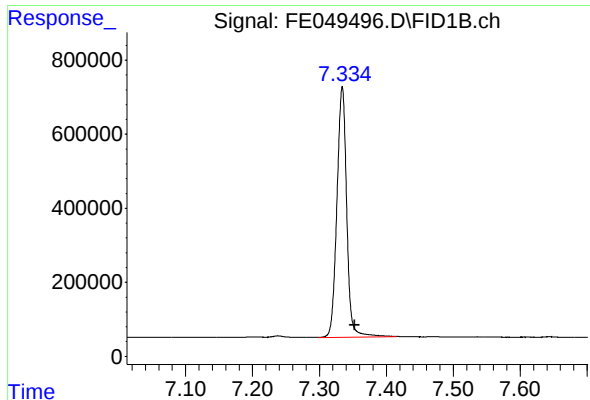
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.019 min
Response: 6845040
Conc: 43.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.016 min
Response: 6113105
Conc: 39.70 ug/ml



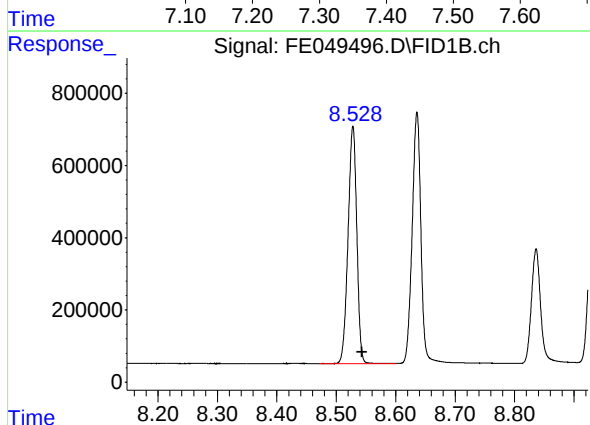
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.019 min
Response: 6880205
Conc: 47.28 ug/ml

Instrument :
FID_E
ClientSampleId :
CMS

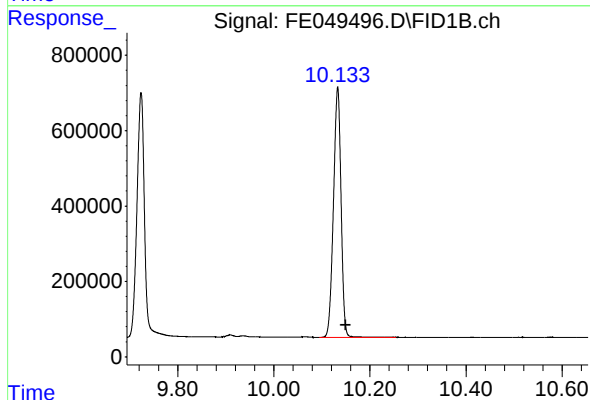
Manual Integrations
APPROVED

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



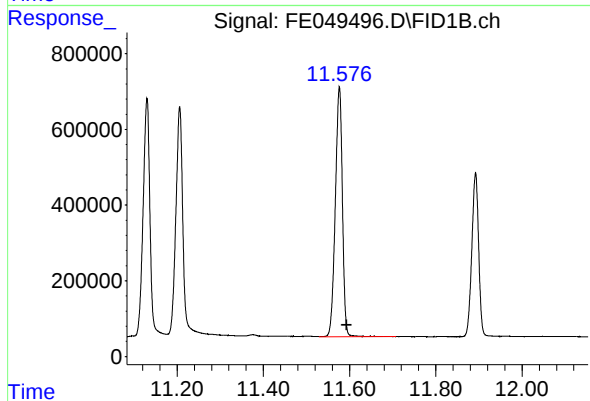
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 6726430
Conc: 44.32 ug/ml



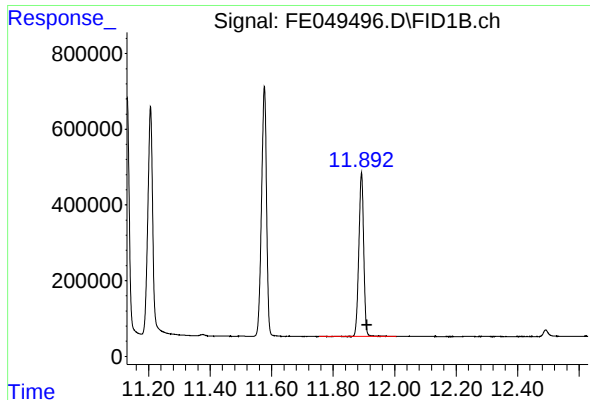
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.017 min
Response: 7260414
Conc: 47.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 7523800
Conc: 49.55 ug/ml



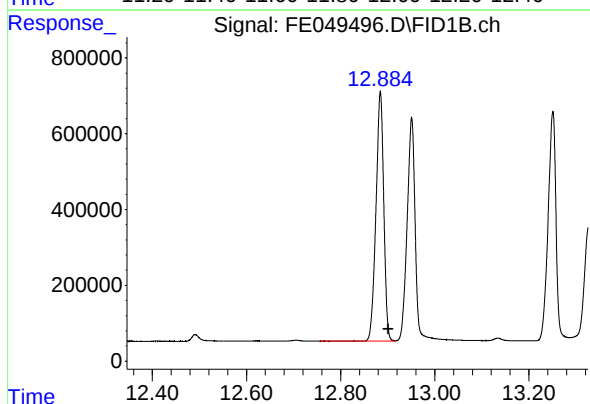
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.019 min
Response: 4764032
Conc: 30.72 ug/ml

Instrument :
FID_E
ClientSampleId :
CMS

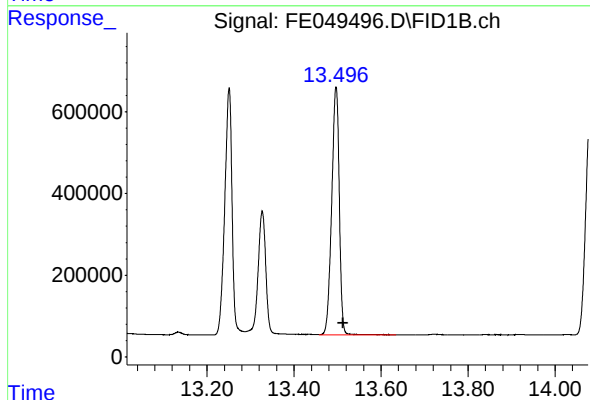
Manual Integrations
APPROVED

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



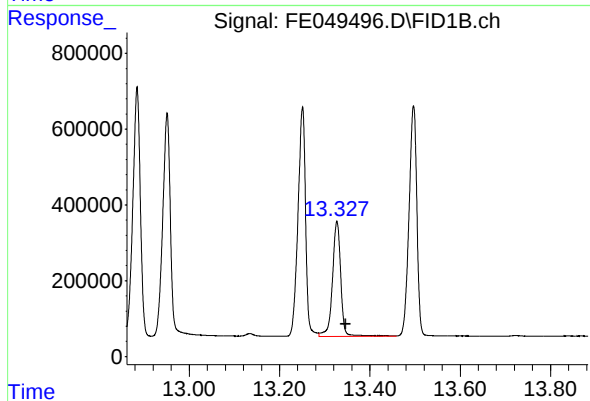
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 7548723
Conc: 52.20 ug/ml



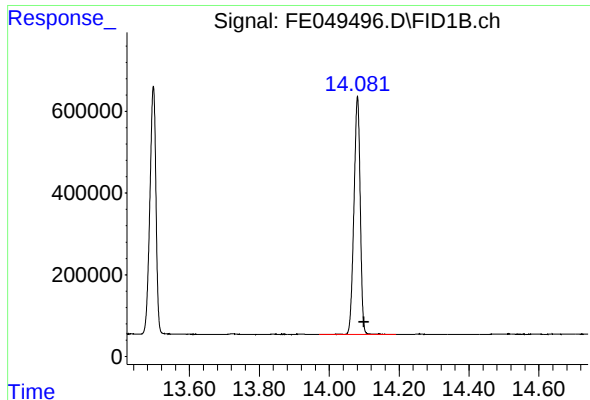
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.017 min
Response: 7362314
Conc: 51.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.020 min
Response: 3890168
Conc: 33.30 ug/ml



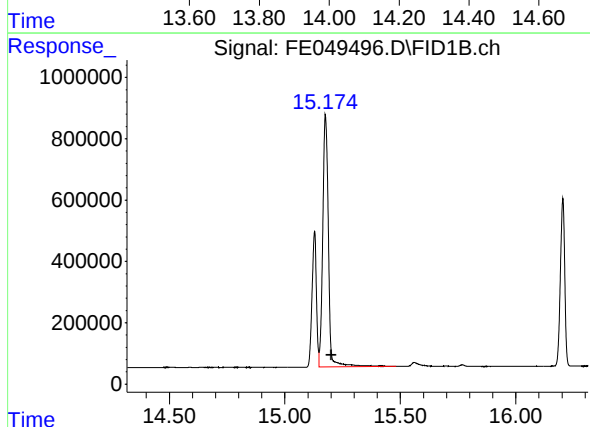
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 7260100
Conc: 51.68 ug/ml

Instrument :
FID_E
ClientSampleId :
CMS

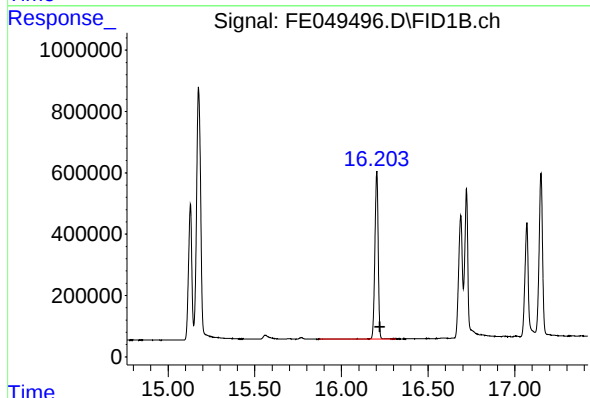
Manual Integrations
APPROVED

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



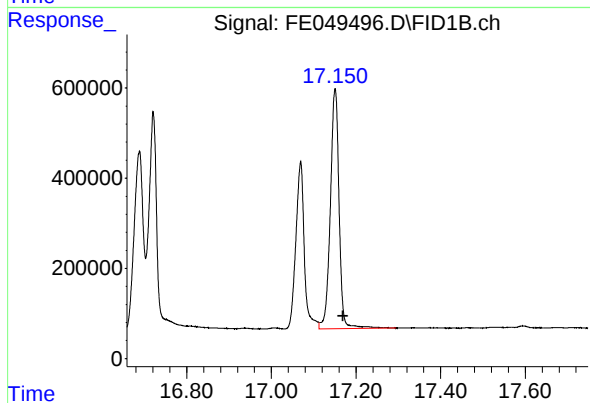
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.024 min
Response: 14024219
Conc: 100.06 ug/ml



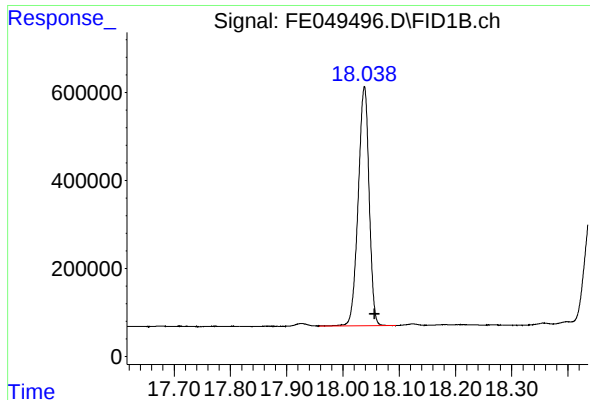
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.018 min
Response: 7211825
Conc: 51.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 7670741
Conc: 54.80 ug/ml



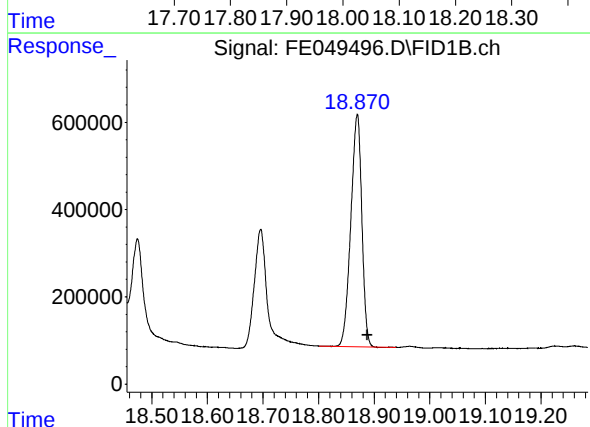
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.019 min
Response: 7343280
Conc: 50.34 ug/ml

Instrument :
FID_E
ClientSampleId :
CMS

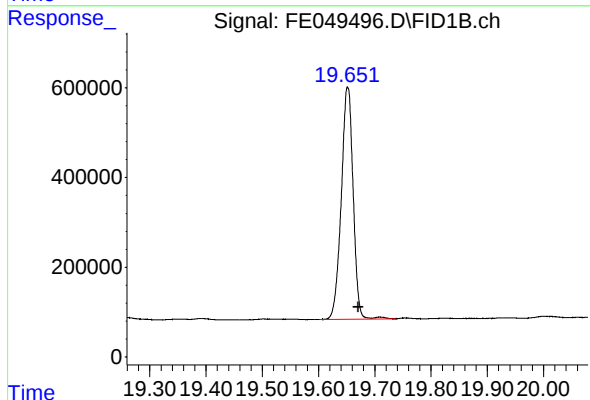
Manual Integrations
APPROVED

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



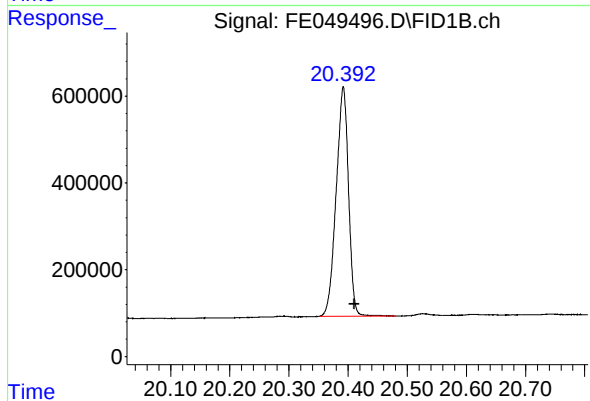
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.019 min
Response: 7318683
Conc: 49.77 ug/ml



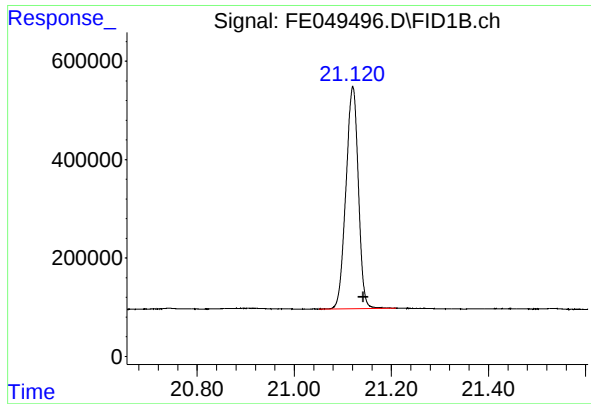
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.019 min
Response: 7598845
Conc: 52.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.019 min
Response: 7672548
Conc: 53.22 ug/ml



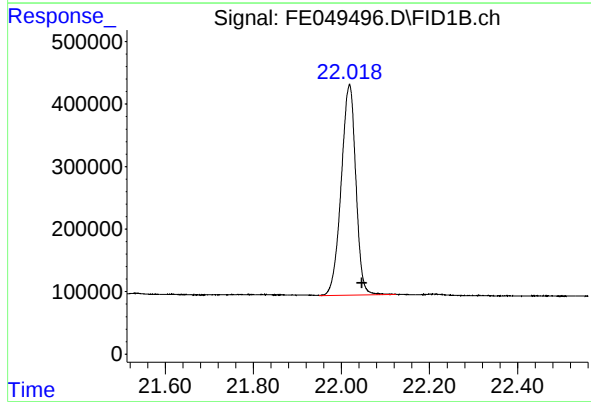
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.022 min
Response: 8003303
Conc: 53.47 ug/ml

Instrument :
FID_E
ClientSampleId :
CMS

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.029 min
Response: 7779500
Conc: 51.55 ug/ml m