

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051626.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 16:18
 Operator : YP\AJ
 Sample : P5239-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 00:36:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 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)	11.827	5214587	34.507 ug/ml
Spiked Amount 50.000		Recovery =	69.01%
12) S 1-chlorooctadecane (S...	13.259	4524946	40.491 ug/ml
Spiked Amount 50.000		Recovery =	80.98%
Target Compounds			
1) T n-Nonane (C9)	3.217	5285763	37.715 ug/ml
2) T n-Decane (C10)	4.466	6240723	44.008 ug/ml
3) T A~Naphthalene (C11.7)	6.177	6819312	51.586 ug/ml
4) T n-Dodecane (C12)	6.632	7143459	50.185 ug/ml
5) T A~2-methylnaphthalene...	7.273	6515476	54.312 ug/ml
6) T n-Tetradecane (C14)	8.460	7544988	54.125 ug/ml
7) T n-Hexadecane (C16)	10.065	7725522	54.374 ug/ml
8) T n-Octadecane (C18)	11.507	7785754	54.177 ug/ml
10) T n-Eicosane (C20)	12.816	7856268	56.912 ug/mlm
11) T n-Heneicosane (C21)	13.426	7495736	55.299 ug/ml
13) T n-Docosane (C22)	14.011	7490029	55.937 ug/ml
14) T n-Tetracosane (C24)	15.116	13815388	104.555 ug/mlm
15) T n-Hexacosane (C26)	16.134	7287166	56.195 ug/ml
16) T n-Octacosane (C28)	17.081	8454843	66.315 ug/ml
17) T n-Tricontane (C30)	17.970	7338501	56.676 ug/mlm
18) T n-Dotriacontane (C32)	18.801	7603318	60.735 ug/mlm
19) T n-Tetratriacontane (C34)	19.582	7324536	64.853 ug/ml
20) T n-Hexatriacontane (C36)	20.322	7378717	76.617 ug/ml
21) T n-Octatriacontane (C38)	21.043	7689811	84.461 ug/ml
22) T n-Tetracontane (C40)	21.918	7914600	90.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
Data File : FE051626.D
Signal(s) : FID1B.ch
Acq On : 11 Dec 2024 16:18
Operator : YP\AJ
Sample : P5239-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 00:36:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 2024

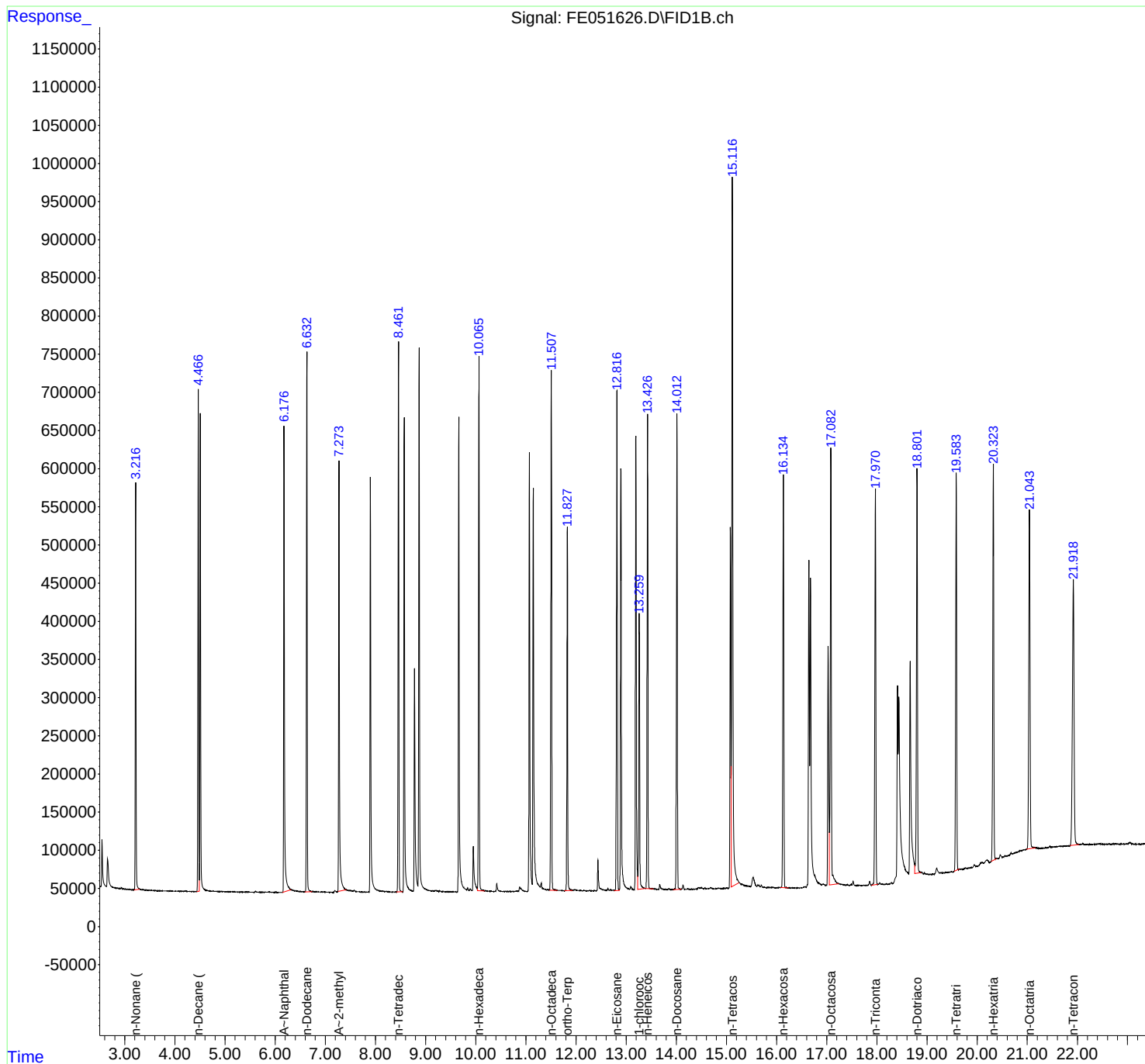
Response via : Initial Calibration

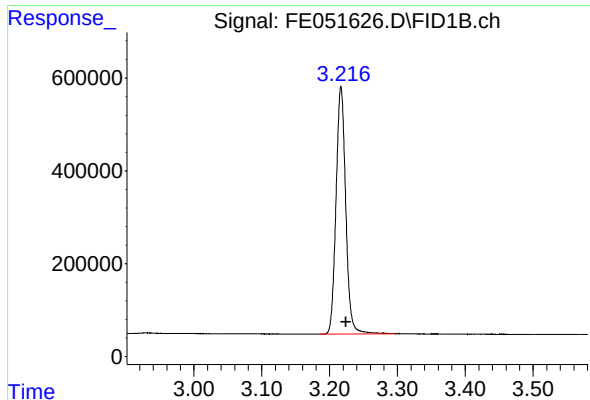
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.007 min
Response: 5285763
Conc: 37.72 ug/ml

Instrument :

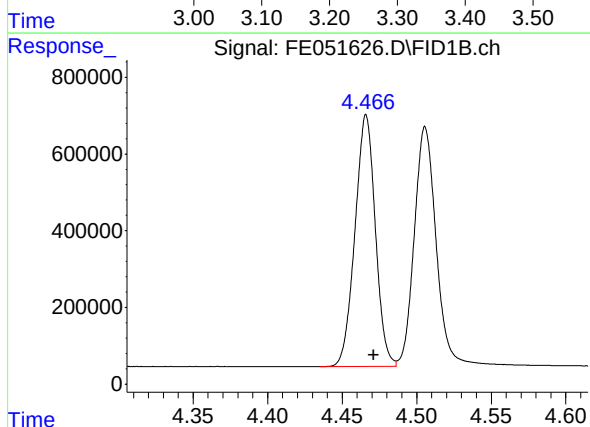
FID_E

ClientSampleId :

WC-1MSD

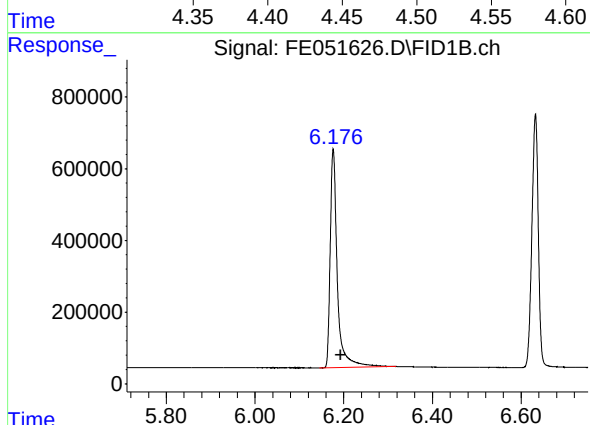
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



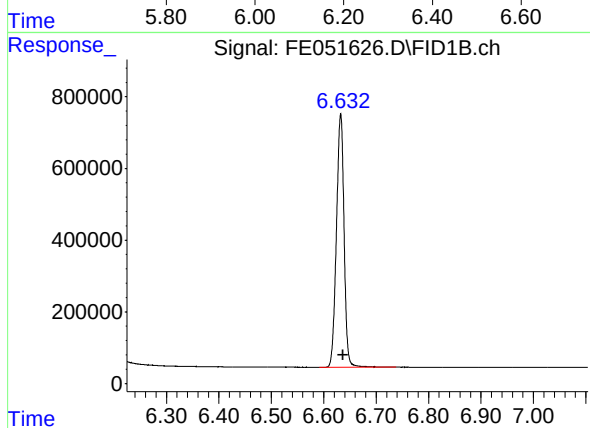
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 6240723
Conc: 44.01 ug/ml



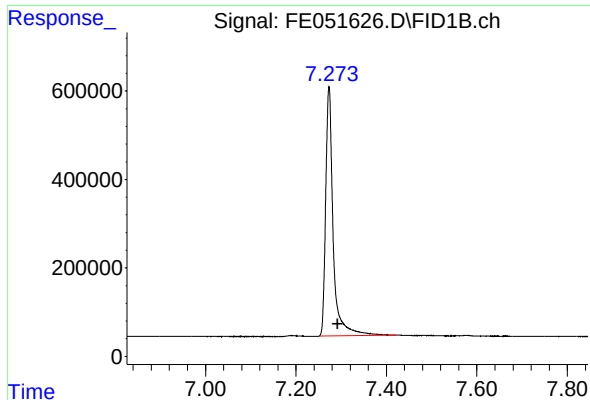
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.016 min
Response: 6819312
Conc: 51.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 7143459
Conc: 50.19 ug/ml



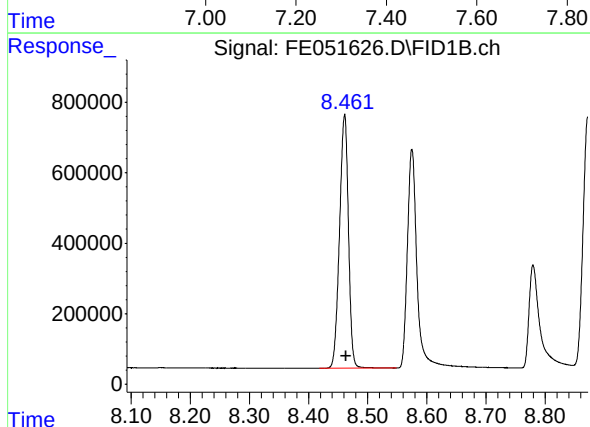
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.019 min
Response: 6515476
Conc: 54.31 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD

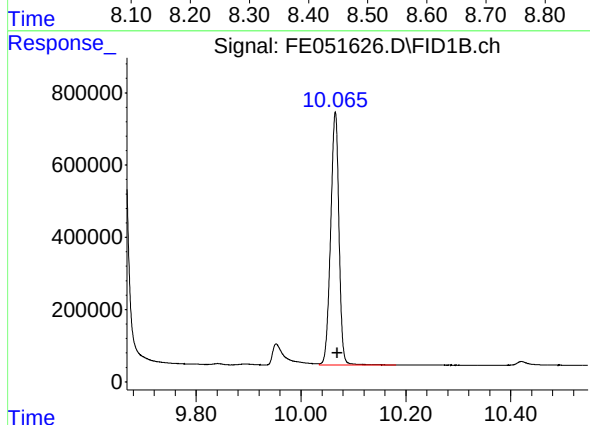
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



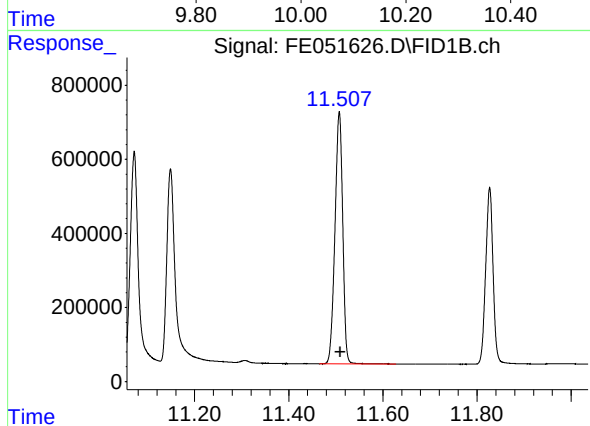
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 7544988
Conc: 54.13 ug/ml



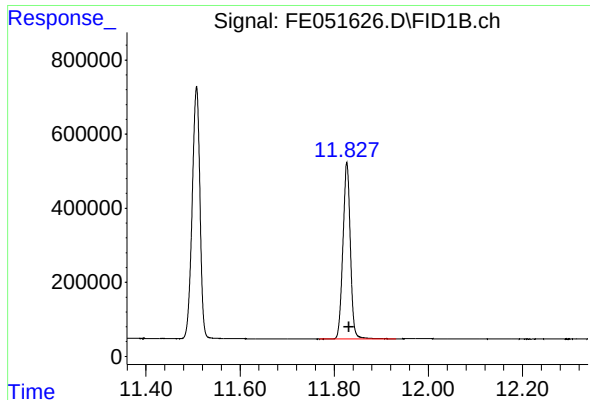
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 7725522
Conc: 54.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 7785754
Conc: 54.18 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.004 min
Response: 5214587
Conc: 34.51 ug/ml

Instrument :

FID_E

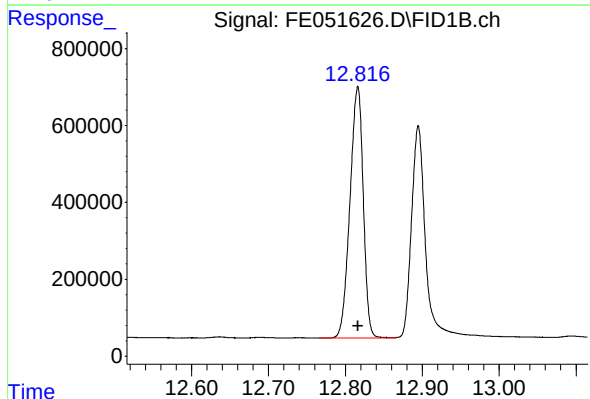
ClientSampleId :

WC-1MSD

Manual Integrations

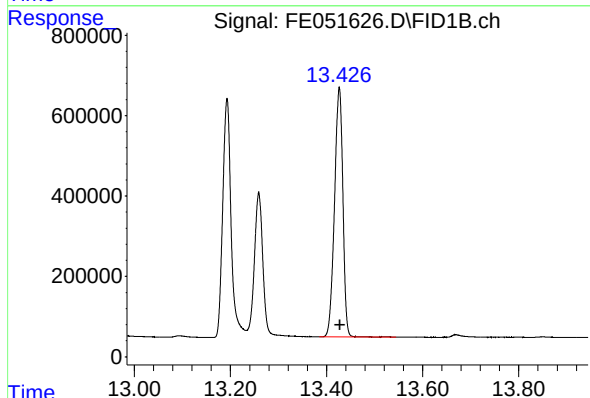
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



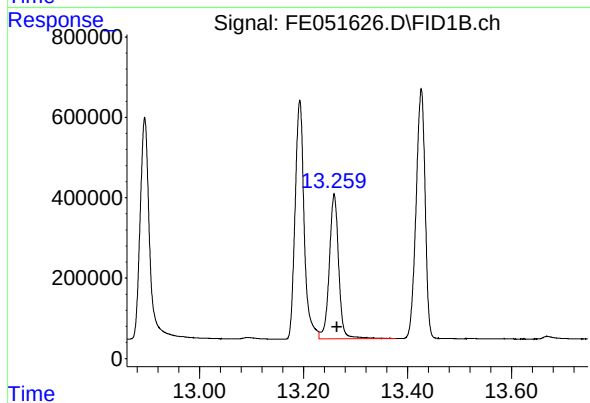
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 7856268
Conc: 56.91 ug/ml m



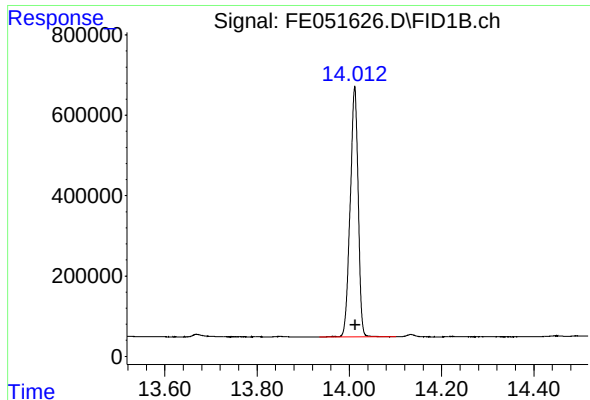
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 7495736
Conc: 55.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.005 min
Response: 4524946
Conc: 40.49 ug/ml



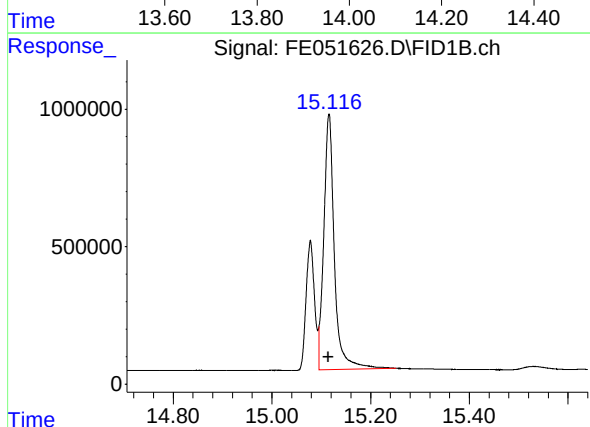
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 7490029
Conc: 55.94 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD

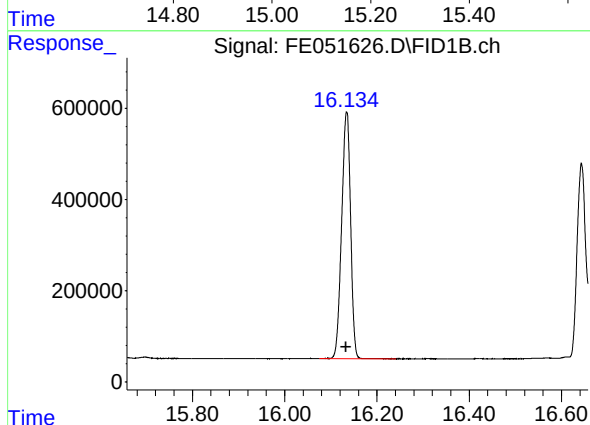
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



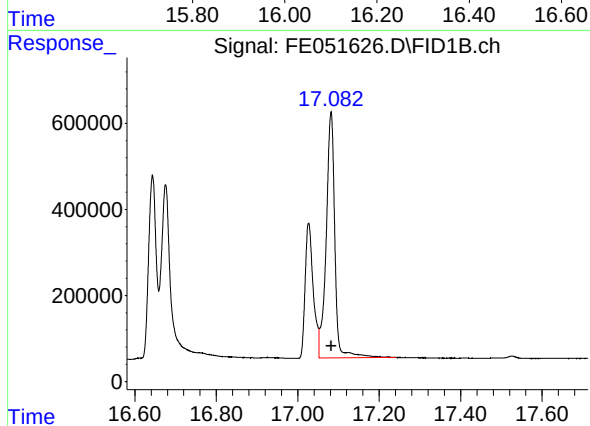
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: 0.002 min
Response: 13815388
Conc: 104.56 ug/ml



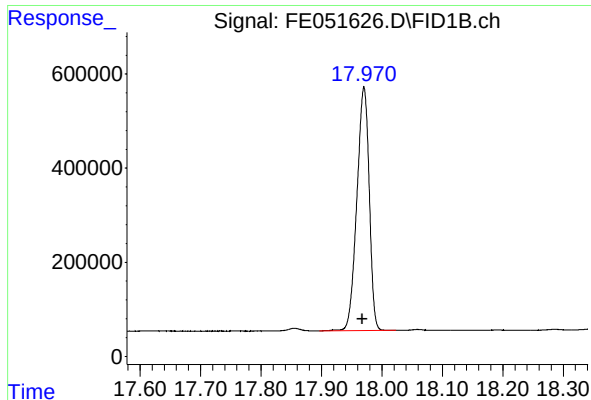
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 7287166
Conc: 56.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.001 min
Response: 8454843
Conc: 66.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.970 min
Delta R.T.: 0.002 min
Response: 7338501
Conc: 56.68 ug/ml

Instrument :

FID_E

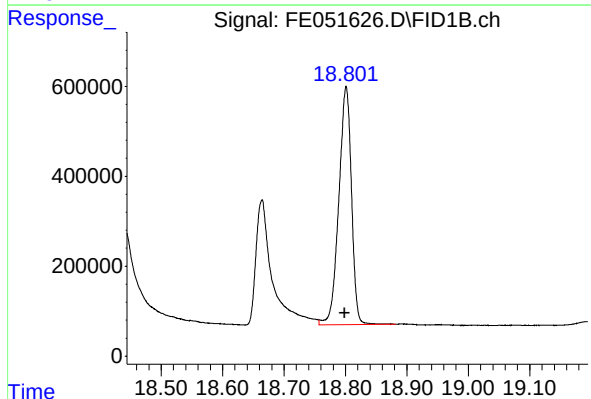
ClientSampleId :

WC-1MSD

Manual Integrations

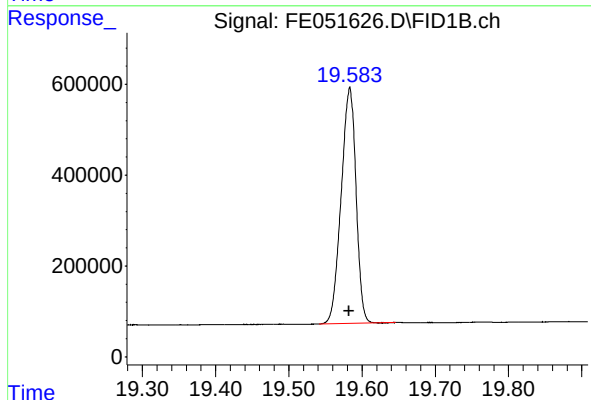
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



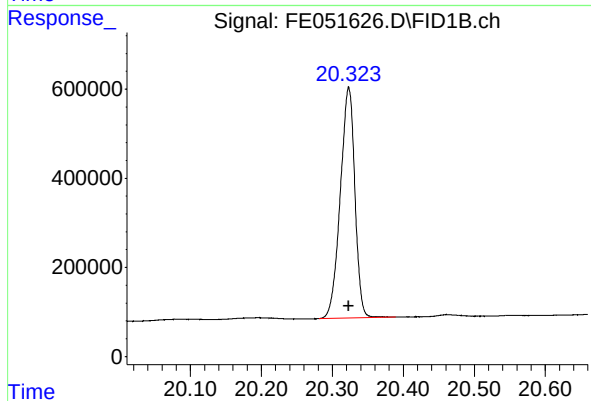
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: 0.002 min
Response: 7603318
Conc: 60.74 ug/ml



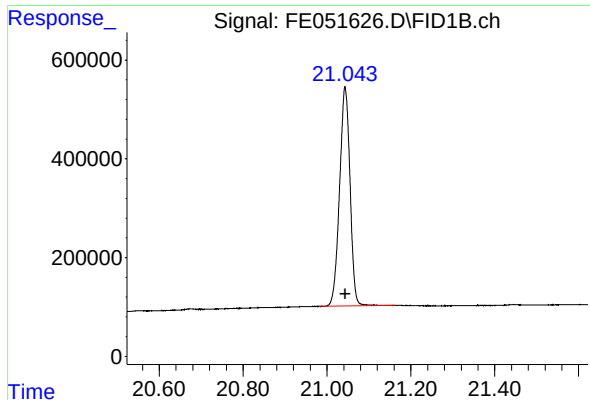
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 7324536
Conc: 64.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: 0.000 min
Response: 7378717
Conc: 76.62 ug/ml



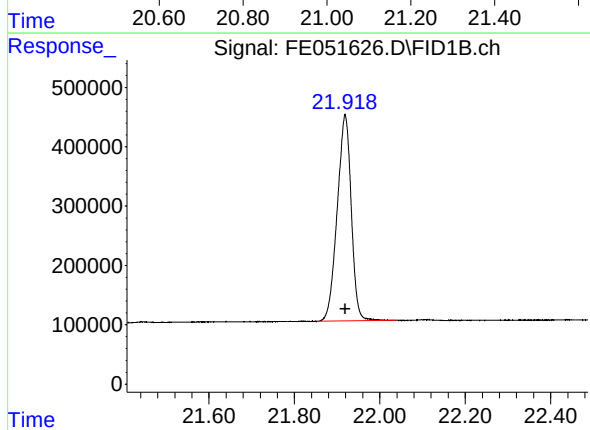
#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.000 min
Response: 7689811
Conc: 84.46 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.000 min
Response: 7914600
Conc: 90.31 ug/ml