

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
 Data File : FE047379.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 14:36
 Operator : YP\AJ
 Sample : PB159836BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB159836BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: sample.E
 Quant Time: Mar 29 01:22:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.985	6845945	43.715 ug/ml
Spiked Amount 50.000		Recovery =	87.43%
12) S 1-chlorooctadecane (S...	13.417	5807342	47.884 ug/ml
Spiked Amount 50.000		Recovery =	95.77%
Target Compounds			
1) T n-Nonane (C9)	3.371	4781190	32.740 ug/mlm
2) T n-Decane (C10)	4.621	5193415	34.840 ug/ml
3) T A~Naphthalene (C11.7)	6.325	5735836	36.971 ug/ml
4) T n-Dodecane (C12)	6.784	5748042	38.435 ug/ml
5) T A~2-methylnaphthalene...	7.421	5817188	38.871 ug/ml
6) T n-Tetradecane (C14)	8.613	5996071	40.653 ug/ml
7) T n-Hexadecane (C16)	10.220	5980537	39.512 ug/ml
8) T n-Octadecane (C18)	11.662	6063930	39.912 ug/ml
10) T n-Eicosane (C20)	12.972	6069348	41.716 ug/ml
11) T n-Heneicosane (C21)	13.583	5904502	41.312 ug/mlm
13) T n-Docosane (C22)	14.168	5843699	41.166 ug/ml
14) T n-Tetracosane (C24)	15.264	9881087	70.091 ug/ml
15) T n-Hexacosane (C26)	16.289	5738598	41.268 ug/ml
16) T n-Octacosane (C28)	17.236	5836321	42.713 ug/ml
17) T n-Tricontane (C30)	18.123	5794154	41.731 ug/ml
18) T n-Dotriacontane (C32)	18.953	5747948	41.670 ug/mlm
19) T n-Tetratriacontane (C34)	19.736	5863365	42.782 ug/ml
20) T n-Hexatriacontane (C36)	20.474	5818162	42.602 ug/ml
21) T n-Octatriacontane (C38)	21.217	5902248	42.580 ug/ml
22) T n-Tetracontane (C40)	22.146	5830639	40.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
Data File : FE047379.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2024 14:36
Operator : YP\AJ
Sample : PB159836BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

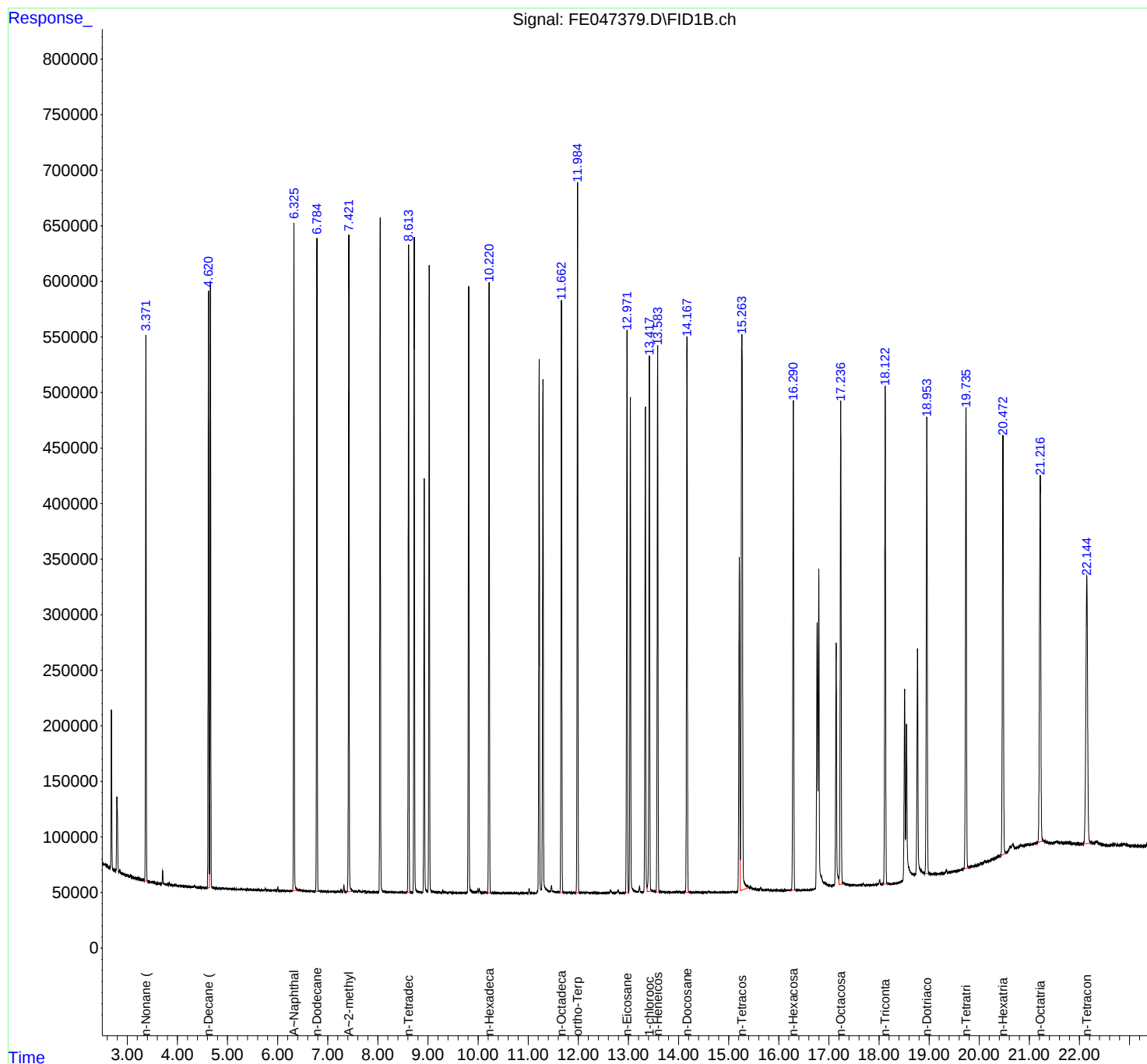
Instrument :
FID_E
ClientSampleId :
PB159836BSD

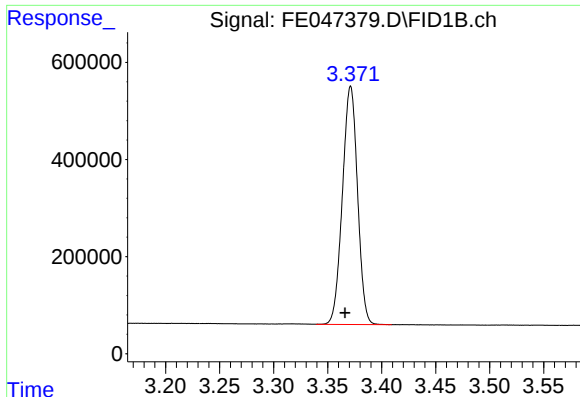
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024

Integration File: sample.E
Quant Time: Mar 29 01:22:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
Quant Title : GC Extractables
QLast Update : Sat Mar 23 01:31:33 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.: 3.371 min
Delta R.T.: 0.005 min
Response: 4781190
Conc: 32.74 ug/ml

Instrument :

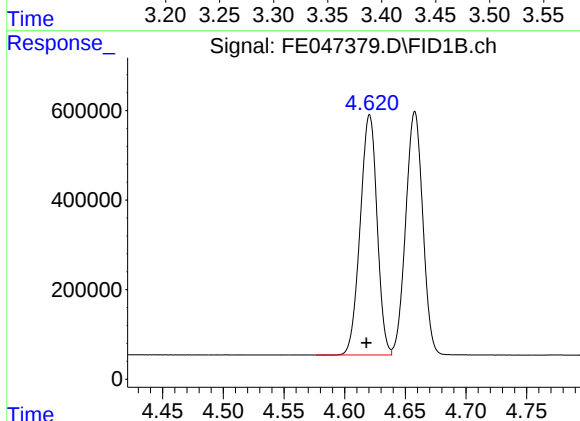
FID_E

ClientSampleId :

PB159836BSD

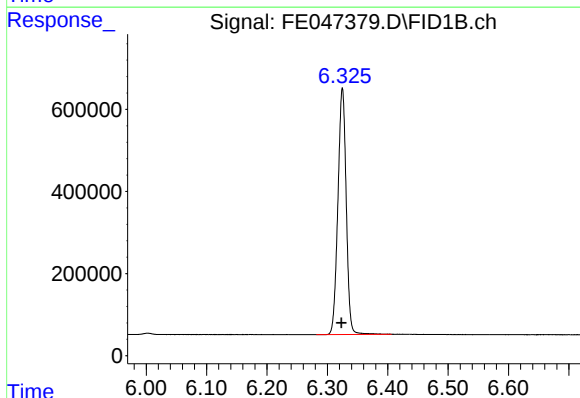
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



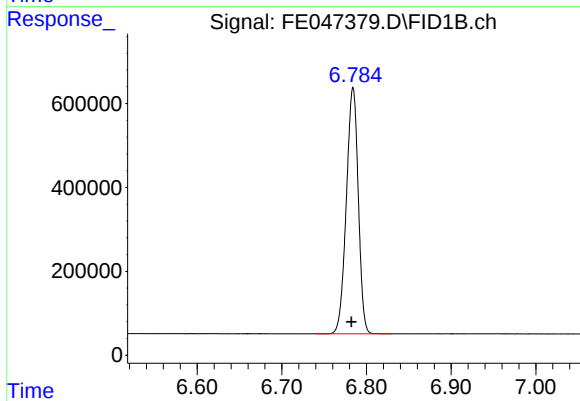
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.003 min
Response: 5193415
Conc: 34.84 ug/ml



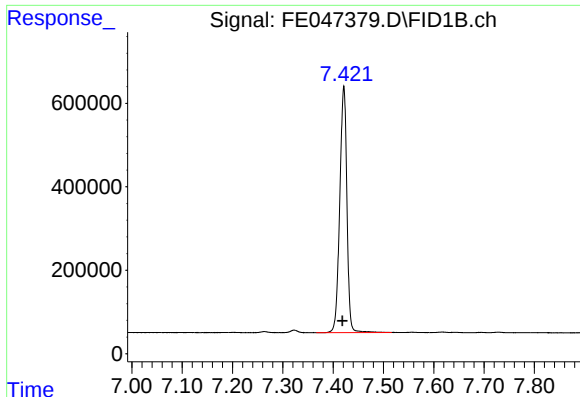
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 5735836
Conc: 36.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 5748042
Conc: 38.43 ug/ml



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

R.T.: 7.421 min
Delta R.T.: 0.003 min
Response: 5817188
Conc: 38.87 ug/ml

Instrument :

FID_E

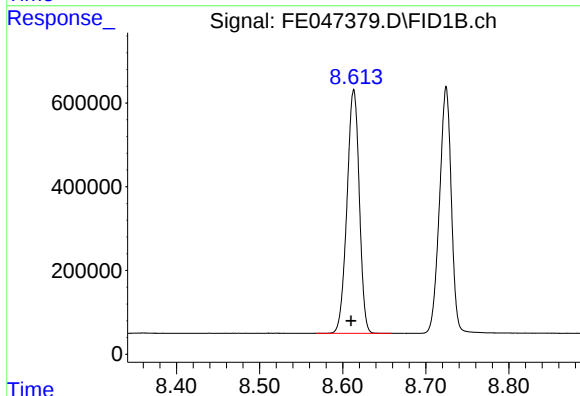
ClientSampleId :

PB159836BSD

Manual Integrations

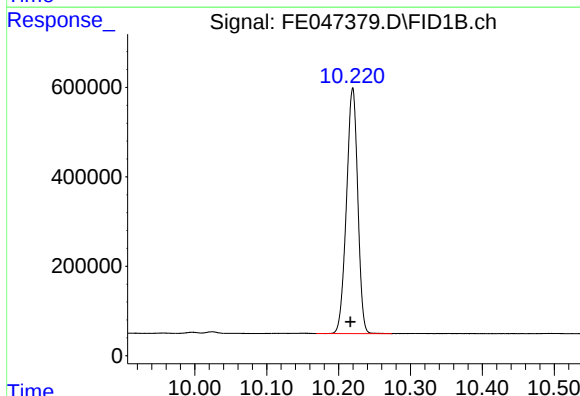
APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



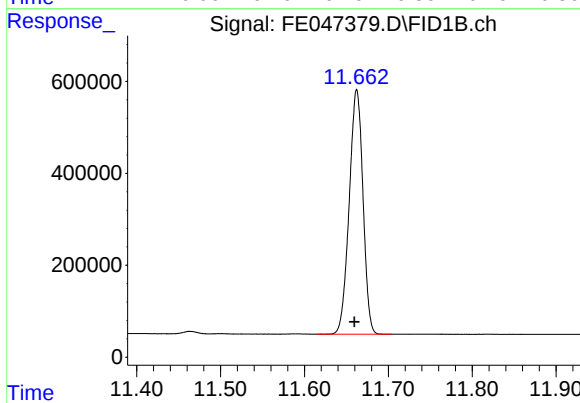
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 5996071
Conc: 40.65 ug/ml



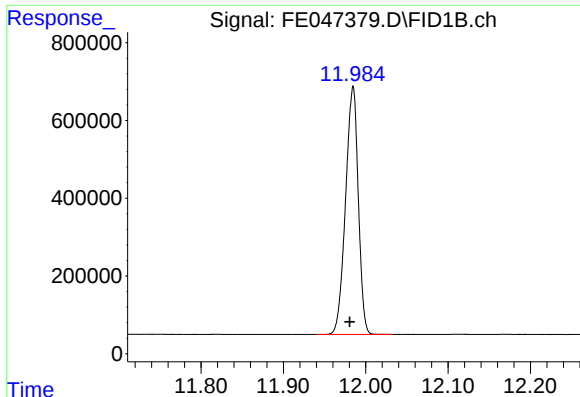
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.003 min
Response: 5980537
Conc: 39.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.003 min
Response: 6063930
Conc: 39.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.004 min
Response: 6845945
Conc: 43.72 ug/ml

Instrument :

FID_E

ClientSampleId :

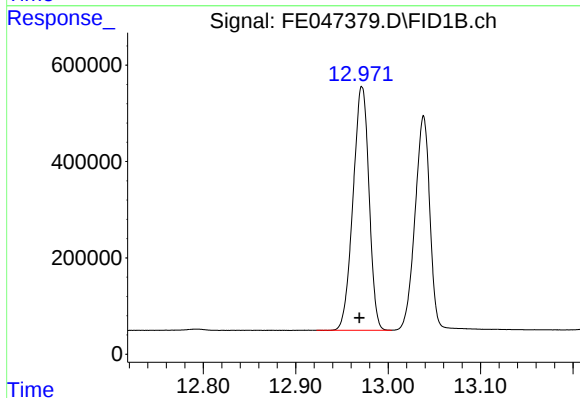
PB159836BSD

Manual Integrations

APPROVED

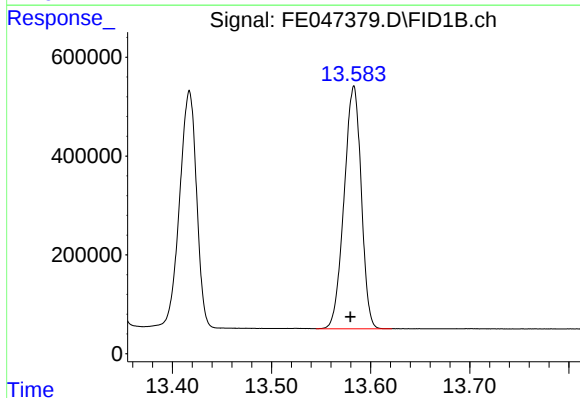
Reviewed By :Yogesh Patel 03/29/2024

Supervised By :Ankita Jodhani 03/29/2024



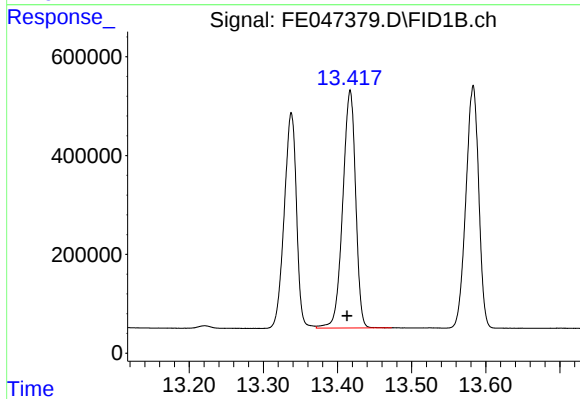
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.003 min
Response: 6069348
Conc: 41.72 ug/ml



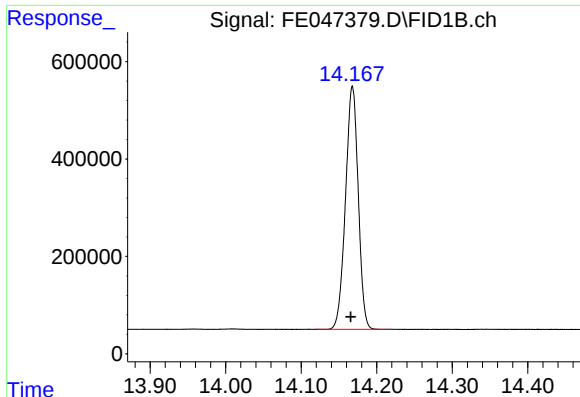
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.003 min
Response: 5904502
Conc: 41.31 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.004 min
Response: 5807342
Conc: 47.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 5843699
Conc: 41.17 ug/ml

Instrument :

FID_E

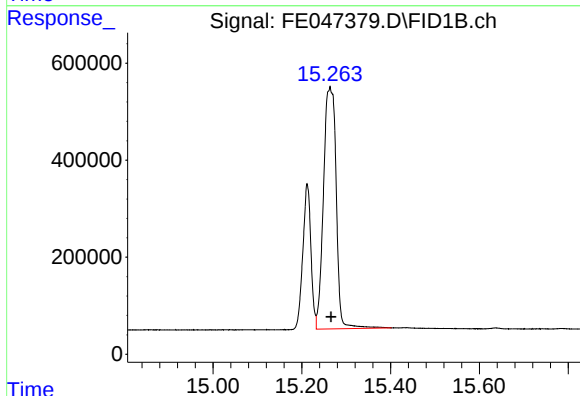
ClientSampleId :

PB159836BSD

Manual Integrations

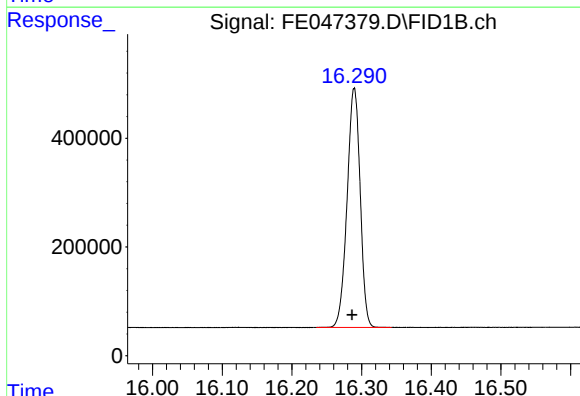
APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



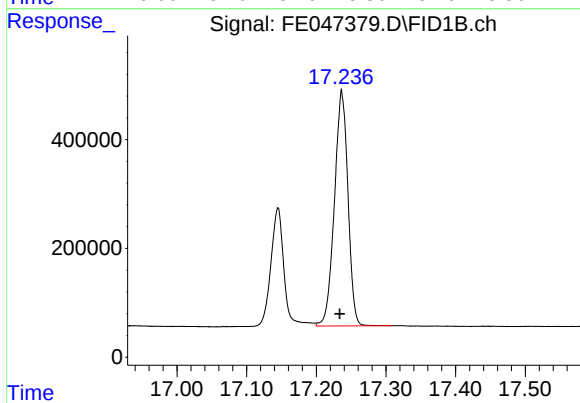
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.003 min
Response: 9881087
Conc: 70.09 ug/ml



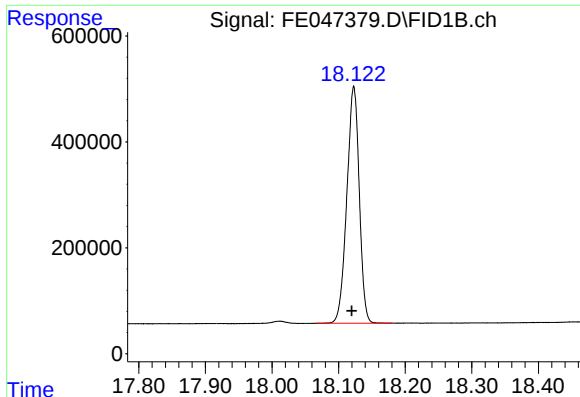
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.003 min
Response: 5738598
Conc: 41.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.003 min
Response: 5836321
Conc: 42.71 ug/ml



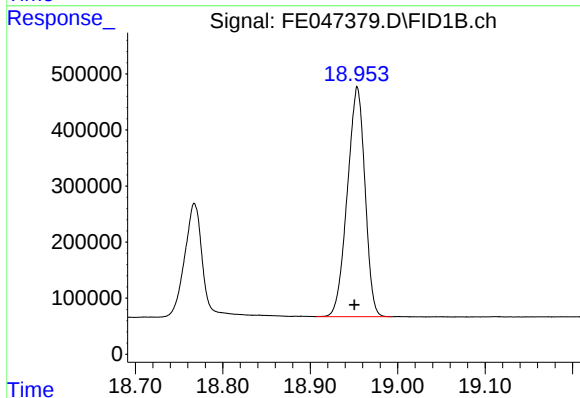
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.003 min
Response: 5794154
Conc: 41.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB159836BSD

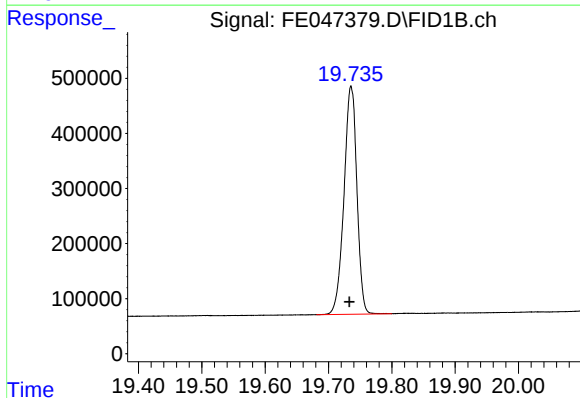
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



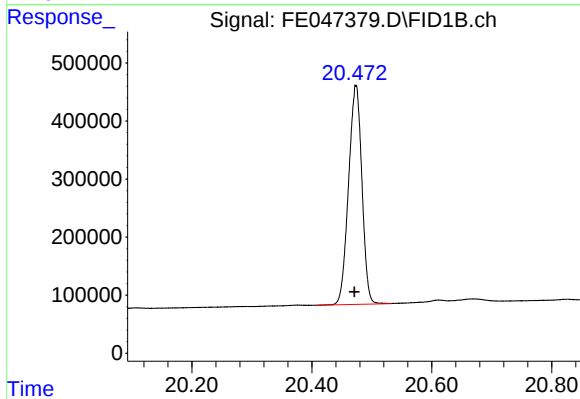
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.003 min
Response: 5747948
Conc: 41.67 ug/ml m



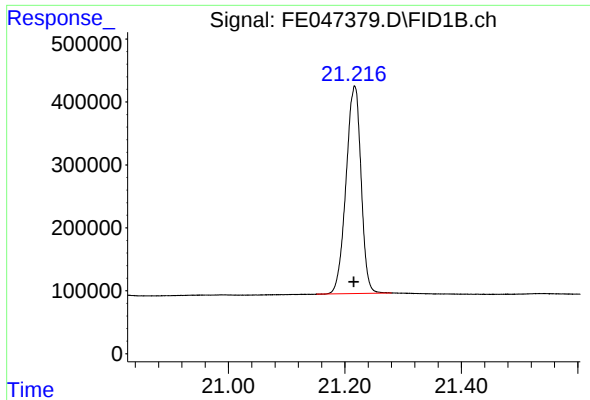
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.003 min
Response: 5863365
Conc: 42.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.003 min
Response: 5818162
Conc: 42.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.002 min
Response: 5902248
Conc: 42.58 ug/ml

Instrument :

FID_E

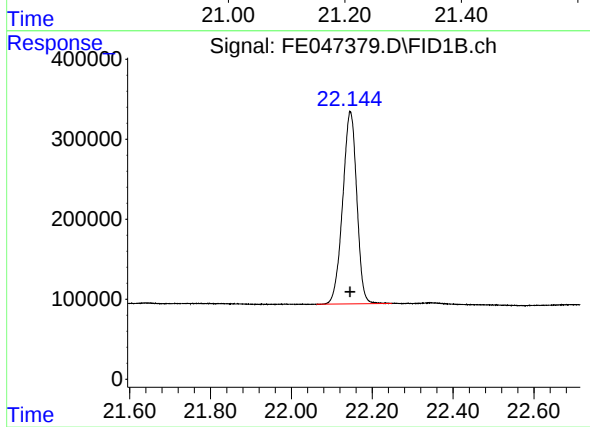
ClientSampleId :

PB159836BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 5830639
Conc: 40.70 ug/ml