

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034879.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 16:43
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E
 Quant Time: Feb 08 21:58:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 21:57:39 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.158	27370339	92.195 ug/ml
Spiked Amount 50.000		Recovery =	184.39%
12) S 1-chlorooctadecane (S...	12.584	20965454	92.488 ug/ml
Spiked Amount 50.000		Recovery =	184.98%
Target Compounds			
1) T n-Nonane (C9)	3.004	23703320	92.112 ug/ml
2) T n-Decane (C10)	4.026	24001751	92.235 ug/ml
3) T A~Naphthalene (C11.7)	5.587	26933248	92.522 ug/ml
4) T n-Dodecane (C12)	6.017	24139222	92.550 ug/ml
5) T A~2-methylnaphthalene...	6.638	27279248	93.049 ug/ml
6) T n-Tetradecane (C14)	7.805	24510820	92.501 ug/ml
7) T n-Hexadecane (C16)	9.402	24510158	92.231 ug/ml
8) T n-Octadecane (C18)	10.843	24876299	92.091 ug/ml
10) T n-Eicosane (C20)	12.143	24346914	92.034 ug/ml
11) T n-Heneicosane (C21)	12.754	24419695	92.042 ug/ml
13) T n-Docosane (C22)	13.337	24039786	92.026 ug/ml
14) T n-Tetracosane (C24)	14.435	23679918	92.155 ug/ml
15) T n-Hexacosane (C26)	15.452	22798746	92.344 ug/ml
16) T n-Octacosane (C28)	16.397	22216002	92.534 ug/ml
17) T n-Tricontane (C30)	17.281	21370502	92.510 ug/ml
18) T n-Dotriacontane (C32)	18.108	19792045	92.423 ug/ml
19) T n-Tetratriacontane (C34)	18.889	18760839	92.618 ug/ml
20) T n-Hexatriacontane (C36)	19.626	17696182	92.801 ug/ml
21) T n-Octatriacontane (C38)	20.339	17300152	94.264 ug/ml
22) T n-Tetracontane (C40)	21.200	17345230	93.243 ug/ml

(f)=RT Delta > 1/2 Window

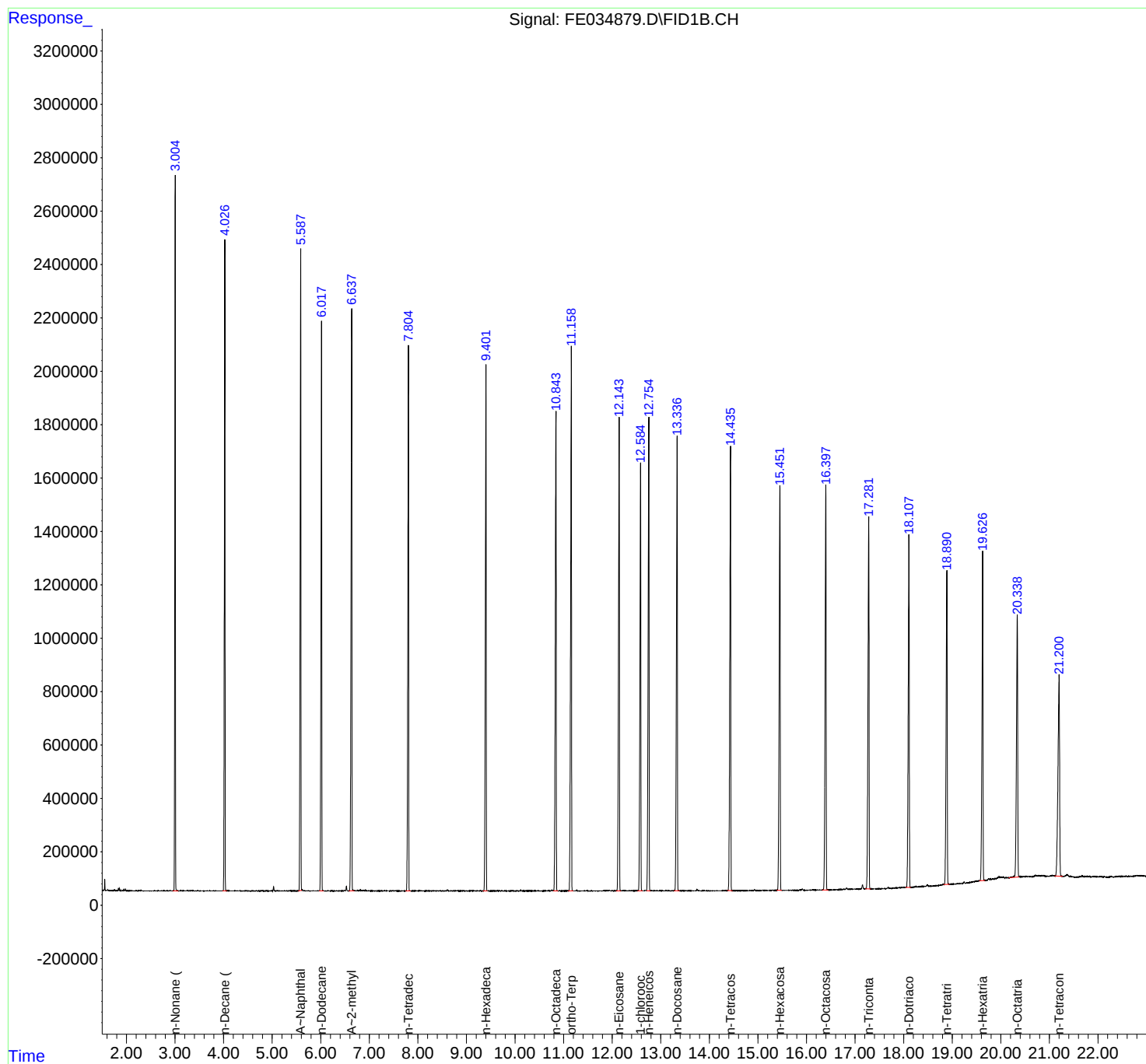
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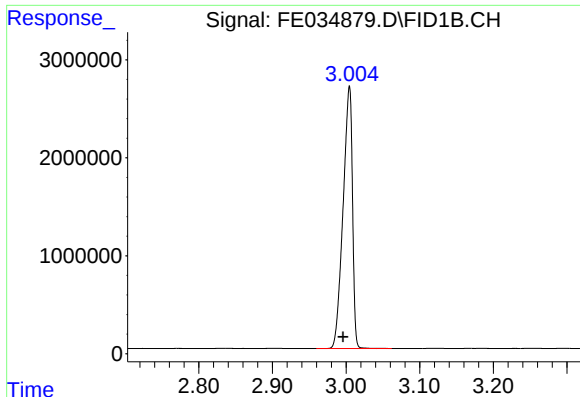
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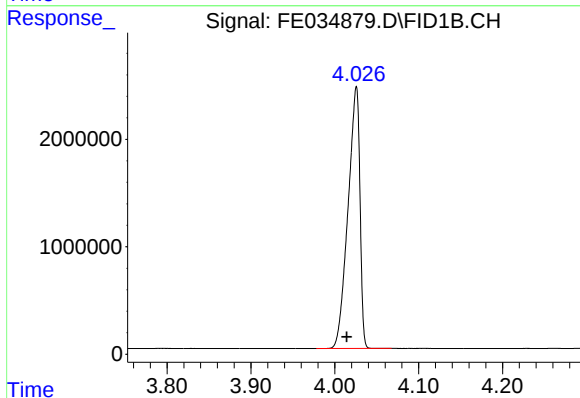




#1 n-Nonane (C9)

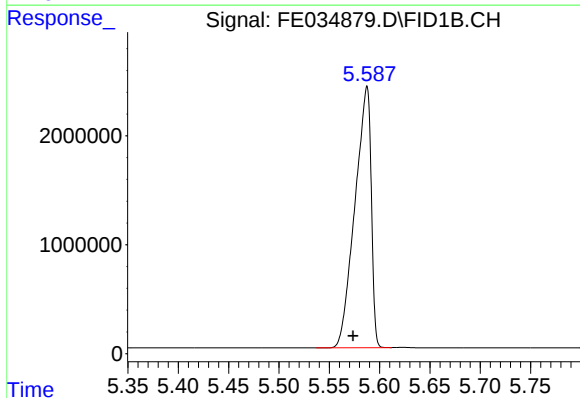
R.T.: 3.004 min
Delta R.T.: 0.008 min
Response: 23703320
Conc: 92.11 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



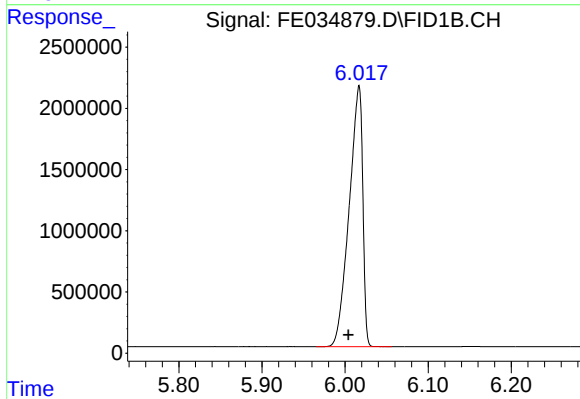
#2 n-Decane (C10)

R.T.: 4.026 min
Delta R.T.: 0.011 min
Response: 24001751
Conc: 92.23 ug/ml



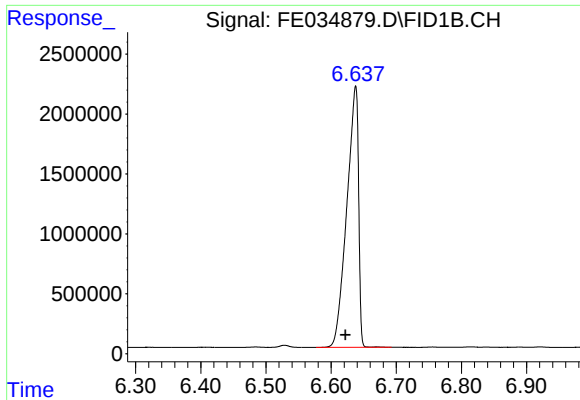
#3 A~Naphthalene (C11.7)

R.T.: 5.587 min
Delta R.T.: 0.014 min
Response: 26933248
Conc: 92.52 ug/ml



#4 n-Dodecane (C12)

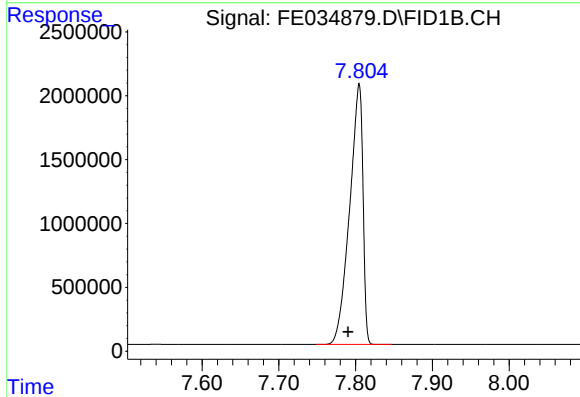
R.T.: 6.017 min
Delta R.T.: 0.013 min
Response: 24139222
Conc: 92.55 ug/ml



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

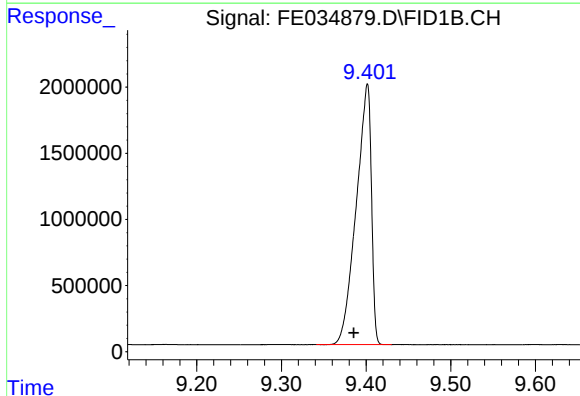
R.T.: 6.638 min
Delta R.T.: 0.016 min
Response: 27279248
Conc: 93.05 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



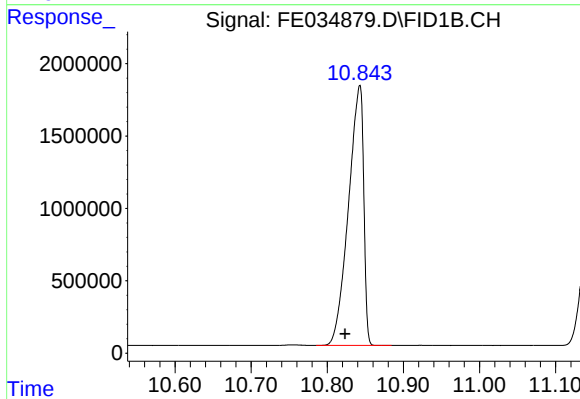
#6 n-Tetradecane (C14)

R.T.: 7.805 min
Delta R.T.: 0.014 min
Response: 24510820
Conc: 92.50 ug/ml



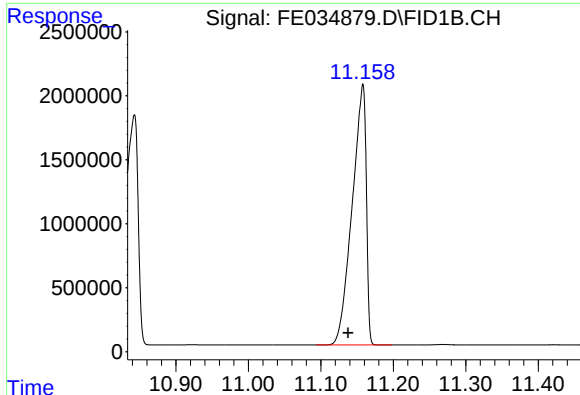
#7 n-Hexadecane (C16)

R.T.: 9.402 min
Delta R.T.: 0.016 min
Response: 24510158
Conc: 92.23 ug/ml



#8 n-Octadecane (C18)

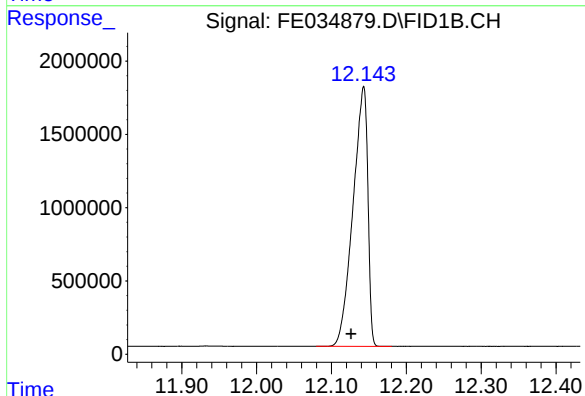
R.T.: 10.843 min
Delta R.T.: 0.019 min
Response: 24876299
Conc: 92.09 ug/ml



#9 ortho-Terphenyl (SURR)

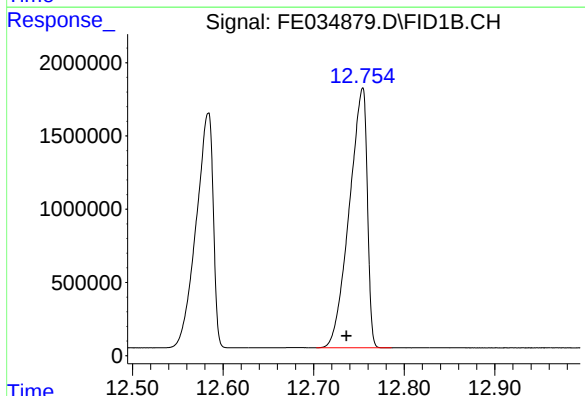
R.T.: 11.158 min
Delta R.T.: 0.020 min
Response: 27370339
Conc: 92.20 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



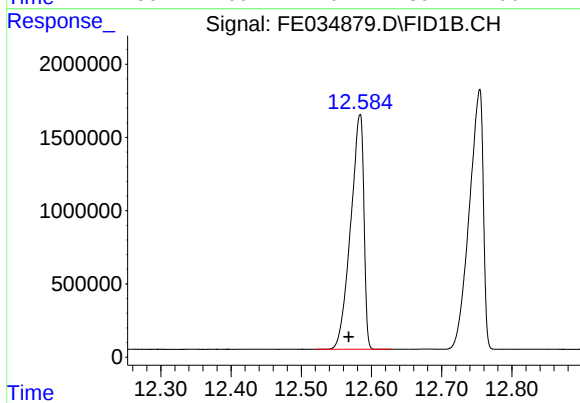
#10 n-Eicosane (C20)

R.T.: 12.143 min
Delta R.T.: 0.017 min
Response: 24346914
Conc: 92.03 ug/ml



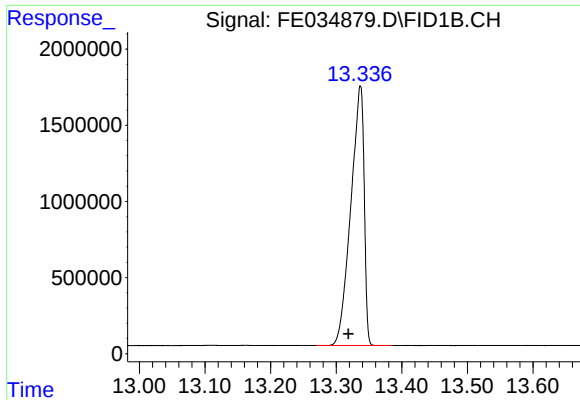
#11 n-Heneicosane (C21)

R.T.: 12.754 min
Delta R.T.: 0.018 min
Response: 24419695
Conc: 92.04 ug/ml



#12 1-chlorooctadecane (SURR)

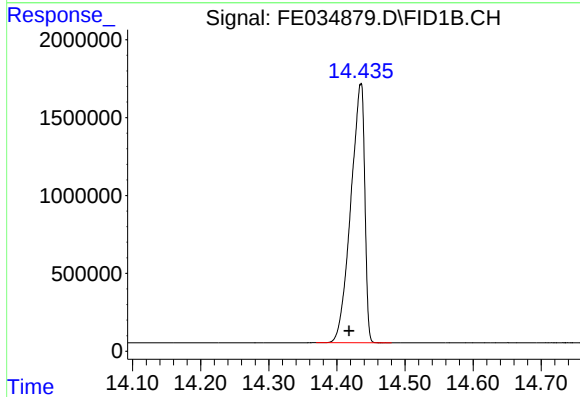
R.T.: 12.584 min
Delta R.T.: 0.016 min
Response: 20965454
Conc: 92.49 ug/ml



#13 n-Docosane (C22)

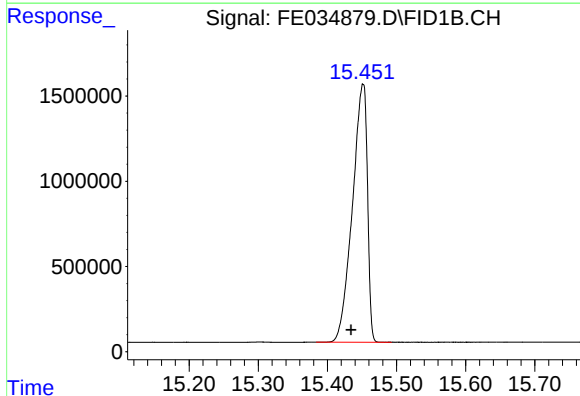
R.T.: 13.337 min
Delta R.T.: 0.018 min
Response: 24039786
Conc: 92.03 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



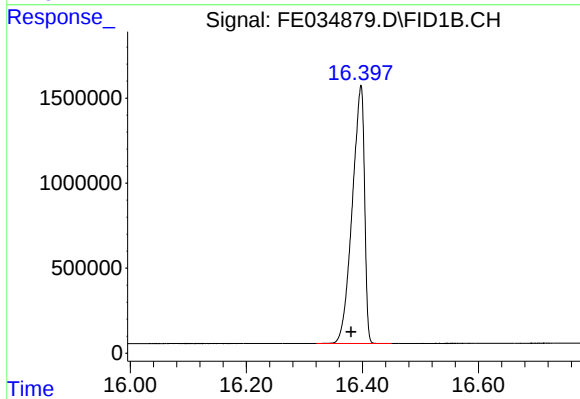
#14 n-Tetracosane (C24)

R.T.: 14.435 min
Delta R.T.: 0.018 min
Response: 23679918
Conc: 92.16 ug/ml



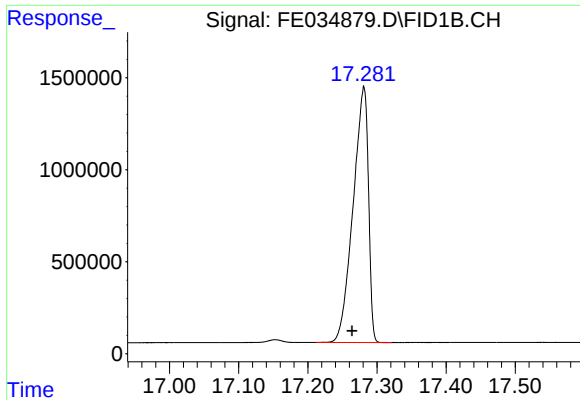
#15 n-Hexacosane (C26)

R.T.: 15.452 min
Delta R.T.: 0.017 min
Response: 22798746
Conc: 92.34 ug/ml



#16 n-Octacosane (C28)

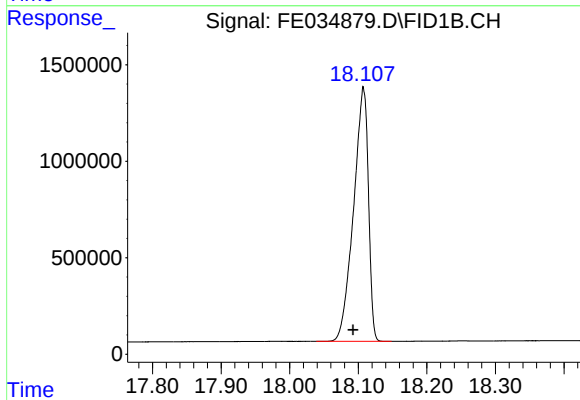
R.T.: 16.397 min
Delta R.T.: 0.017 min
Response: 22216002
Conc: 92.53 ug/ml



#17 n-Tricontane (C30)

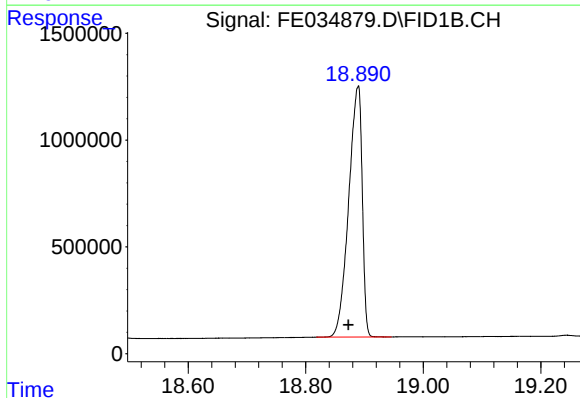
R.T.: 17.281 min
Delta R.T.: 0.017 min
Response: 21370502
Conc: 92.51 ug/ml

Instrument :
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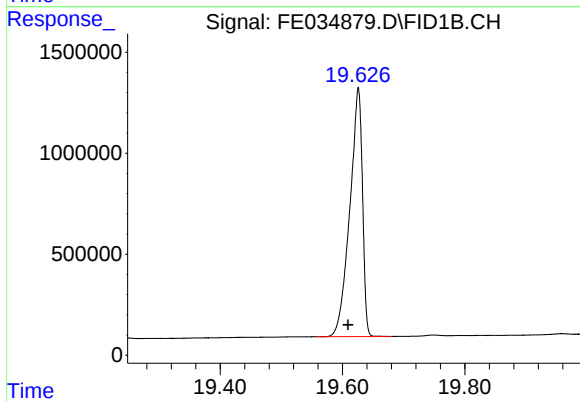
#18 n-Dotriacontane (C32)

R.T.: 18.108 min
Delta R.T.: 0.015 min
Response: 19792045
Conc: 92.42 ug/ml



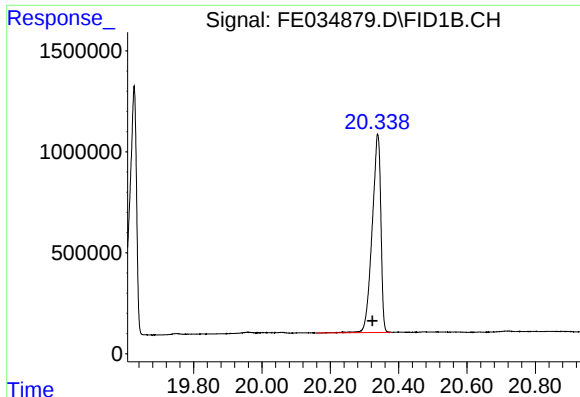
#19 n-Tetratriacontane (C34)

R.T.: 18.889 min
Delta R.T.: 0.017 min
Response: 18760839
Conc: 92.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.626 min
Delta R.T.: 0.017 min
Response: 17696182
Conc: 92.80 ug/ml



#21 n-Octatriacontane (C38)

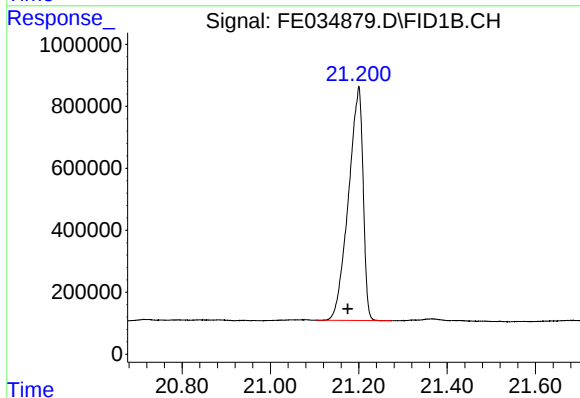
R.T.: 20.339 min
Delta R.T.: 0.016 min
Response: 17300152
Conc: 94.26 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.200 min
Delta R.T.: 0.025 min
Response: 17345230
Conc: 93.24 ug/ml