

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049586.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 08:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 14 10:22:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 10:20:05 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)	11.897	15395686	92.133 ug/ml
Spiked Amount 50.000		Recovery =	184.27%
12) S 1-chlorooctadecane (S...	13.330	11812938	93.150 ug/ml
Spiked Amount 50.000		Recovery =	186.30%
Target Compounds			
1) T n-Nonane (C9)	3.282	14499158	90.263 ug/ml
2) T n-Decane (C10)	4.533	14975170	91.343 ug/ml
3) T A~Naphthalene (C11.7)	6.240	15741368	93.747 ug/ml
4) T n-Dodecane (C12)	6.701	15091603	92.803 ug/ml
5) T A~2-methylnaphthalene...	7.337	14988962	95.629 ug/ml
6) T n-Tetradecane (C14)	8.528	14818343	93.168 ug/ml
7) T n-Hexadecane (C16)	10.136	15050136	93.524 ug/ml
8) T n-Octadecane (C18)	11.579	14980265	92.194 ug/ml
10) T n-Eicosane (C20)	12.886	14244412	92.592 ug/ml
11) T n-Heneicosane (C21)	13.497	13989262	92.128 ug/ml
13) T n-Docosane (C22)	14.083	13871086	92.200 ug/ml
14) T n-Tetracosane (C24)	15.185	13814271	92.149 ug/ml
15) T n-Hexacosane (C26)	16.204	13701577	92.023 ug/ml
16) T n-Octacosane (C28)	17.153	13601658	91.383 ug/ml
17) T n-Tricontane (C30)	18.039	14023399	90.448 ug/ml
18) T n-Dotriacontane (C32)	18.871	14123215	90.826 ug/ml
19) T n-Tetratriacontane (C34)	19.654	14426032	92.006 ug/ml
20) T n-Hexatriacontane (C36)	20.393	14493285	92.251 ug/ml
21) T n-Octatriacontane (C38)	21.124	14832901	91.053 ug/ml
22) T n-Tetracontane (C40)	22.023	14611290	90.863 ug/ml

(f)=RT Delta > 1/2 Window

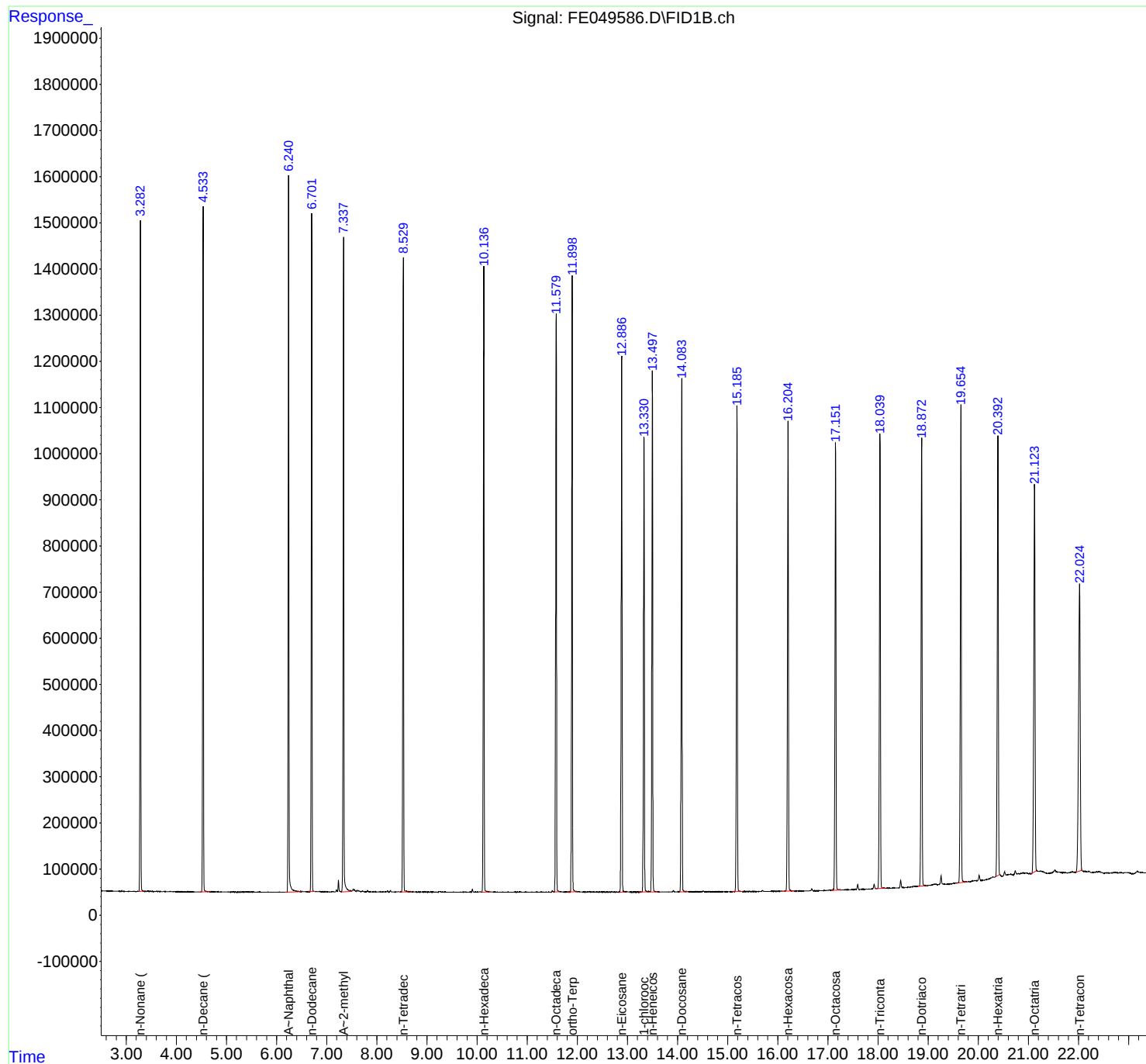
(m)=manual int.

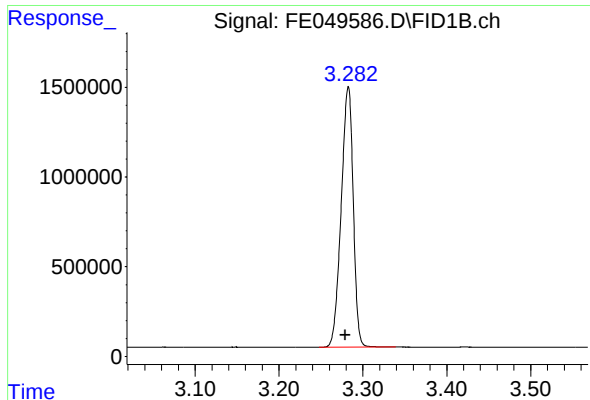
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
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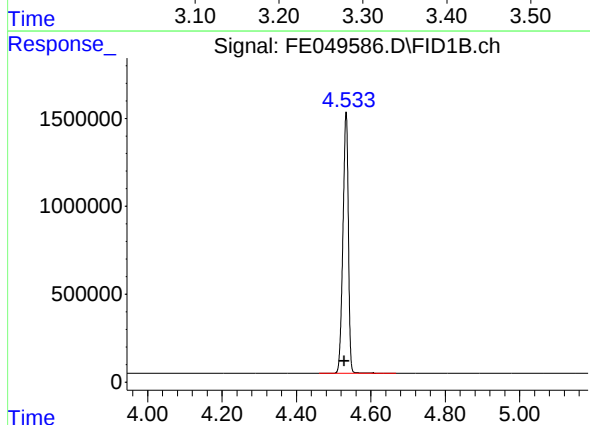




#1 n-Nonane (C9)

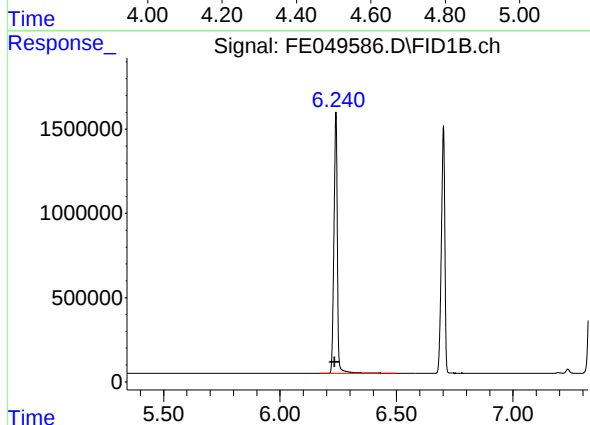
R.T.: 3.282 min
Delta R.T.: 0.003 min
Response: 14499158
Conc: 90.26 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



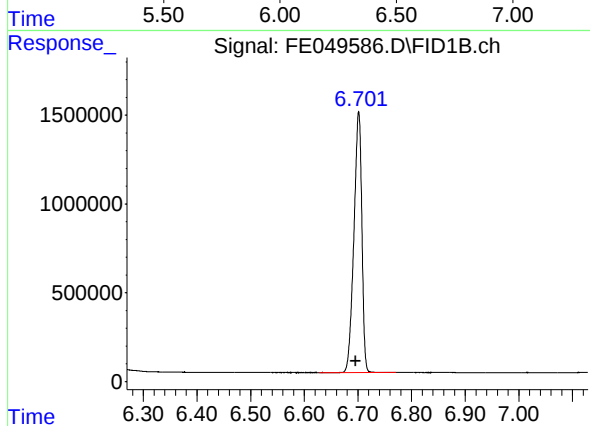
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: 0.005 min
Response: 14975170
Conc: 91.34 ug/ml



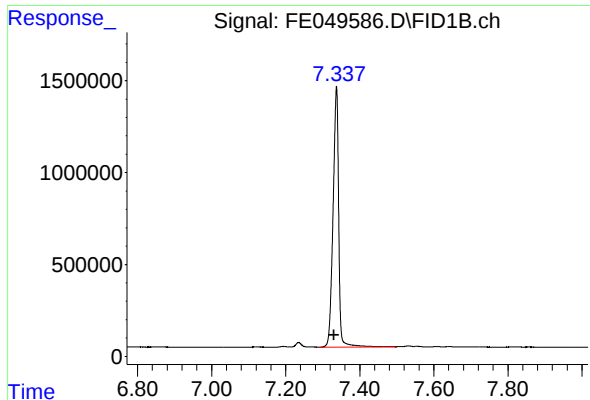
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: 0.005 min
Response: 15741368
Conc: 93.75 ug/ml



#4 n-Dodecane (C12)

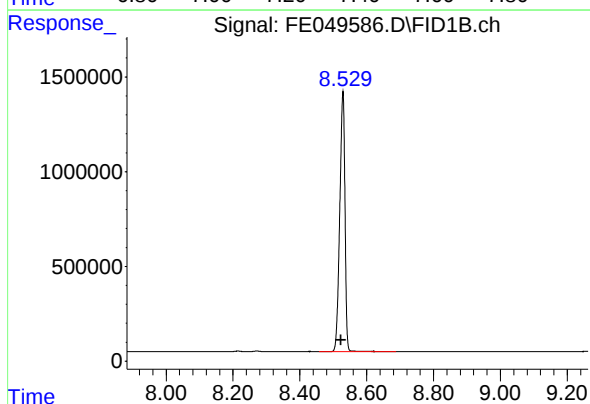
R.T.: 6.701 min
Delta R.T.: 0.005 min
Response: 15091603
Conc: 92.80 ug/ml



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

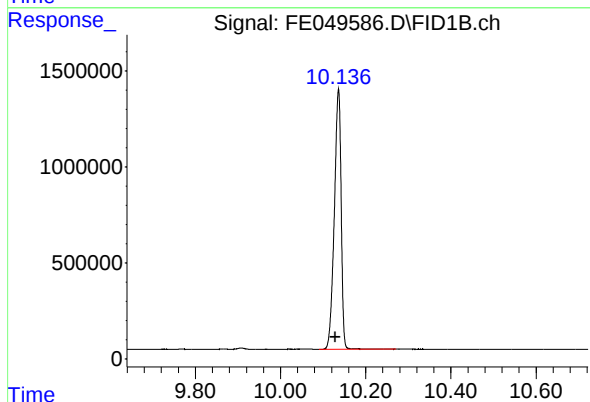
R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 14988962
Conc: 95.63 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



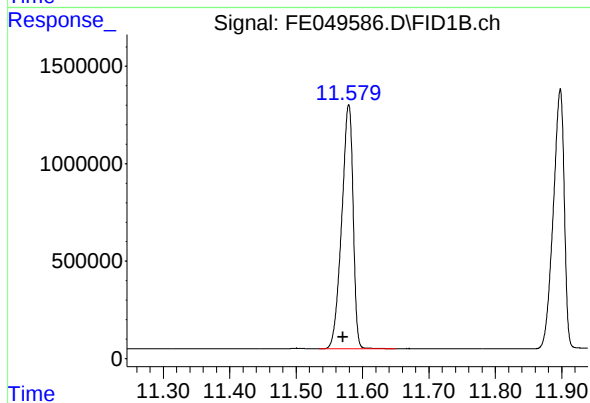
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: 0.006 min
Response: 14818343
Conc: 93.17 ug/ml



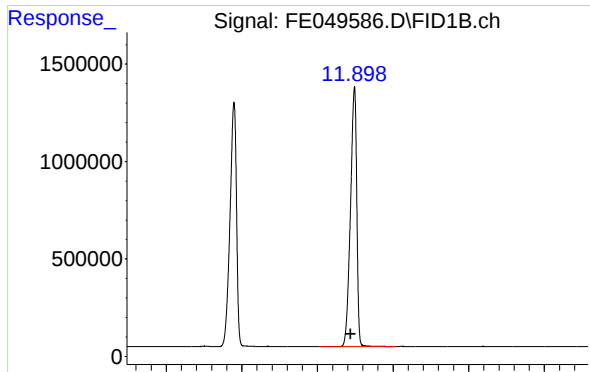
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.007 min
Response: 15050136
Conc: 93.52 ug/ml



#8 n-Octadecane (C18)

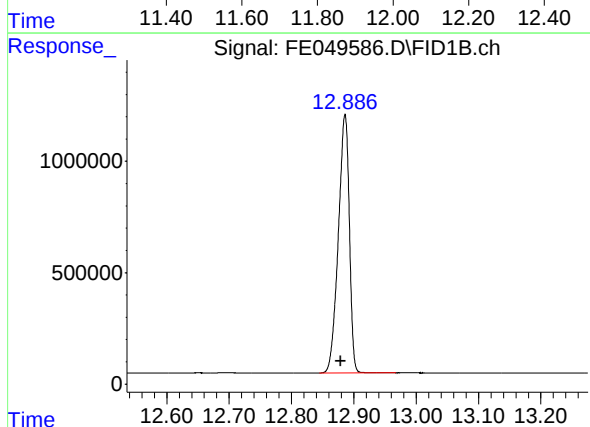
R.T.: 11.579 min
Delta R.T.: 0.008 min
Response: 14980265
Conc: 92.19 ug/ml



#9 ortho-Terphenyl (SURR)

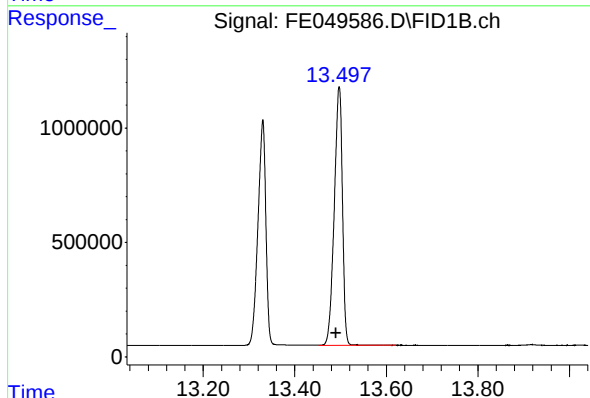
R.T.: 11.897 min
Delta R.T.: 0.009 min
Response: 15395686
Conc: 92.13 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



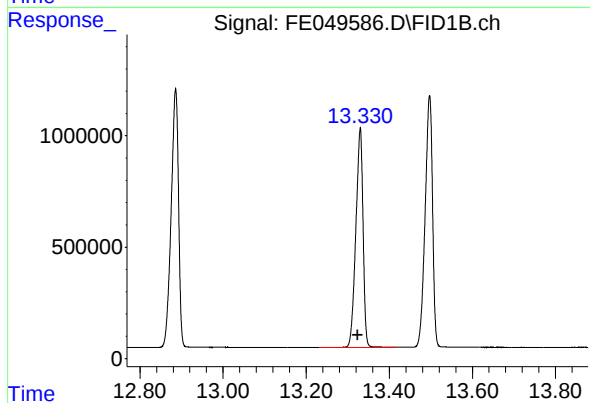
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: 0.007 min
Response: 14244412
Conc: 92.59 ug/ml



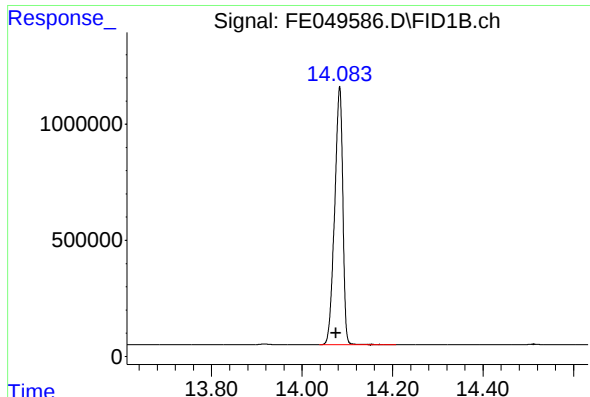
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.007 min
Response: 13989262
Conc: 92.13 ug/ml



#12 1-chlorooctadecane (SURR)

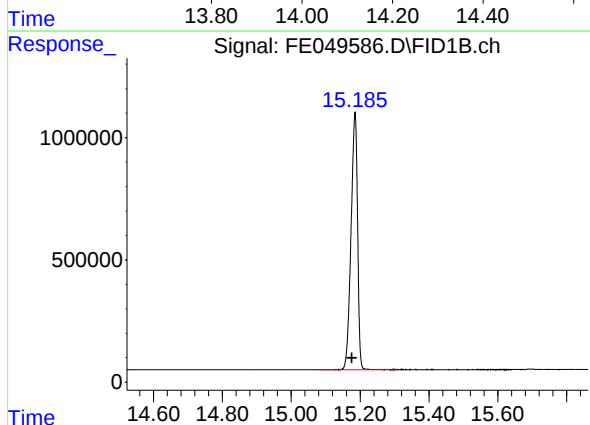
R.T.: 13.330 min
Delta R.T.: 0.006 min
Response: 11812938
Conc: 93.15 ug/ml



#13 n-Docosane (C22)

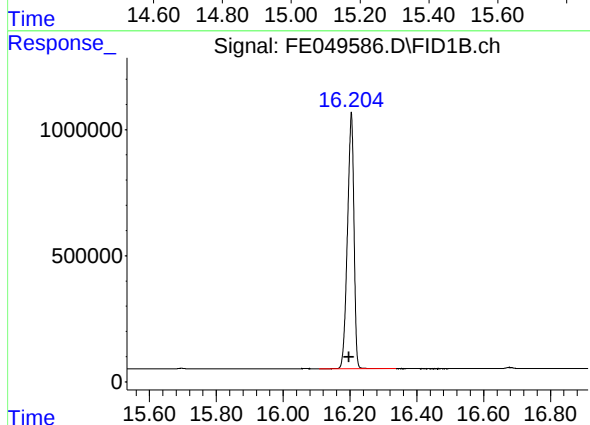
R.T.: 14.083 min
Delta R.T.: 0.008 min
Response: 13871086
Conc: 92.20 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



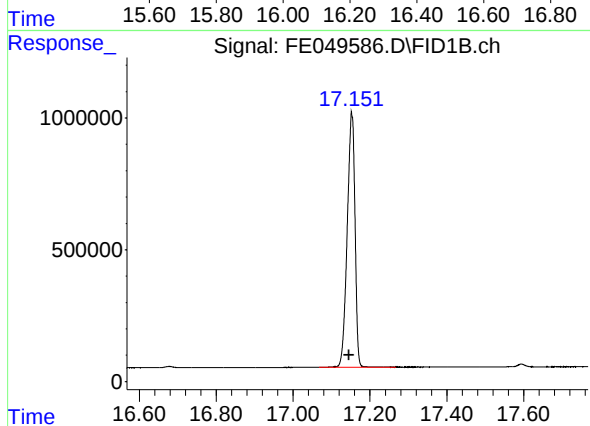
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: 0.008 min
Response: 13814271
Conc: 92.15 ug/ml



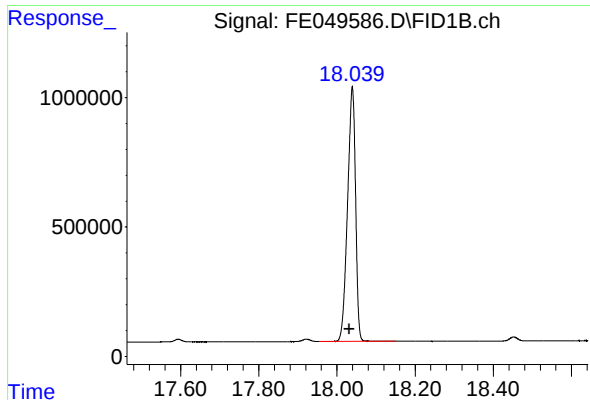
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: 0.007 min
Response: 13701577
Conc: 92.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: 0.008 min
Response: 13601658
Conc: 91.38 ug/ml



#17 n-Tricontane (C30)

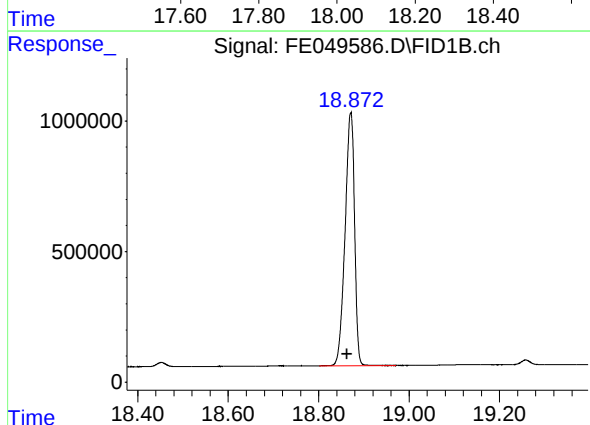
R.T.: 18.039 min
Delta R.T.: 0.008 min
Response: 14023399
Conc: 90.45 ug/ml

Instrument :

FID_E

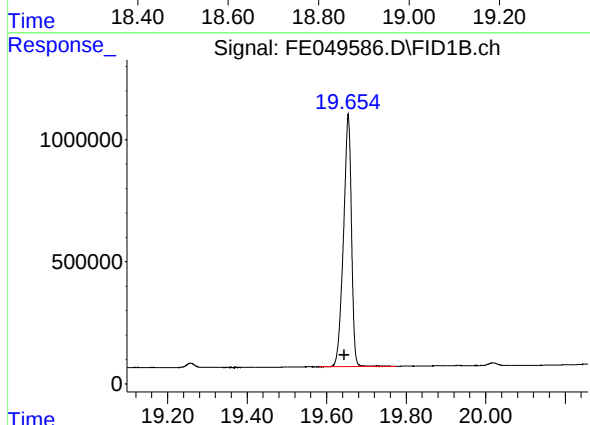
ClientSampleId :

100 PPM ALIPHATIC HC STD1



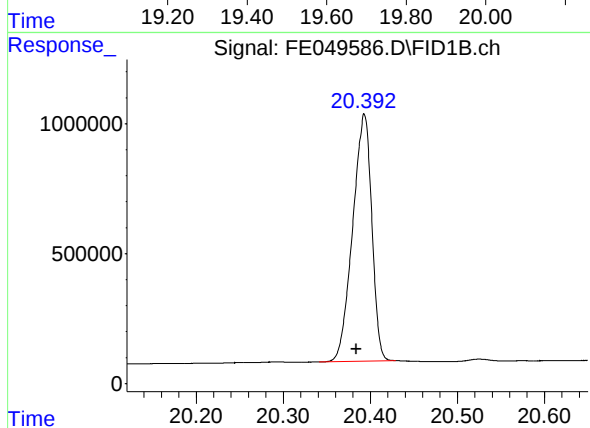
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.008 min
Response: 14123215
Conc: 90.83 ug/ml



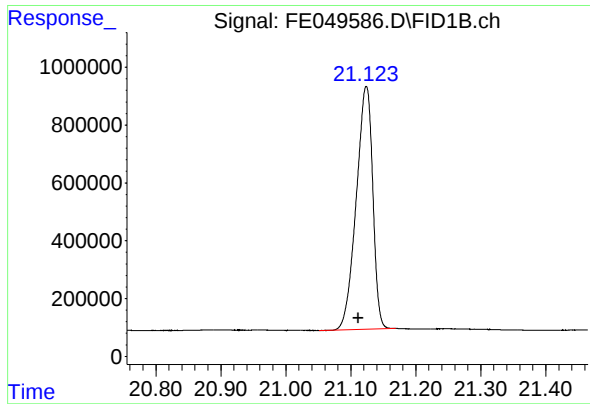
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.010 min
Response: 14426032
Conc: 92.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.009 min
Response: 14493285
Conc: 92.25 ug/ml



#21 n-Octatriacontane (C38)

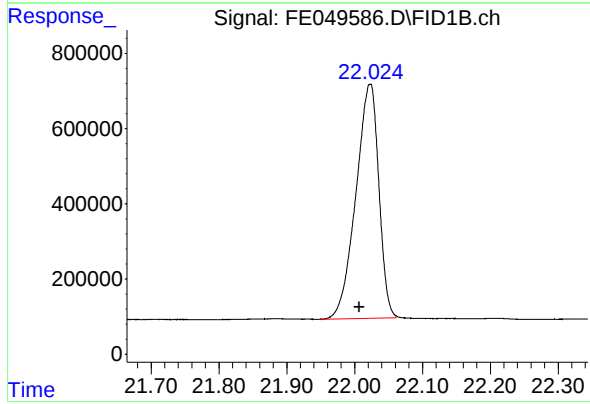
R.T.: 21.124 min
Delta R.T.: 0.012 min
Response: 14832901
Conc: 91.05 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.015 min
Response: 14611290
Conc: 90.86 ug/ml