

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048816.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 13:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 20 15:32:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 15:30:23 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)	11.944	16614144	98.750 ug/ml
Spiked Amount 50.000		Recovery =	197.50%
12) S 1-chlorooctadecane (S...	13.375	13022942	99.364 ug/ml
Spiked Amount 50.000		Recovery =	198.73%
Target Compounds			
1) T n-Nonane (C9)	3.329	14767360	98.055 ug/ml
2) T n-Decane (C10)	4.579	15295755	98.916 ug/ml
3) T A~Naphthalene (C11.7)	6.283	16228054	99.993 ug/ml
4) T n-Dodecane (C12)	6.744	15405508	99.109 ug/ml
5) T A~2-methylnaphthalene...	7.380	15649972	100.425 ug/ml
6) T n-Tetradecane (C14)	8.571	15198565	98.848 ug/ml
7) T n-Hexadecane (C16)	10.179	15703399	99.314 ug/ml
8) T n-Octadecane (C18)	11.623	15997124	99.113 ug/ml
10) T n-Eicosane (C20)	12.930	15477968	98.952 ug/ml
11) T n-Heneicosane (C21)	13.542	15238482	98.920 ug/ml
13) T n-Docosane (C22)	14.128	15184869	98.967 ug/ml
14) T n-Tetracosane (C24)	15.230	15093786	98.946 ug/ml
15) T n-Hexacosane (C26)	16.250	14792951	98.777 ug/ml
16) T n-Octacosane (C28)	17.199	14401907	98.553 ug/ml
17) T n-Tricontane (C30)	18.085	14417416	97.906 ug/ml
18) T n-Dotriacontane (C32)	18.918	13975769	97.619 ug/ml
19) T n-Tetratriacontane (C34)	19.699	13551182	97.846 ug/ml
20) T n-Hexatriacontane (C36)	20.438	13096499	99.089 ug/ml
21) T n-Octatriacontane (C38)	21.174	12824890	98.990 ug/ml
22) T n-Tetracontane (C40)	22.089	12242067	99.403 ug/ml

(f)=RT Delta > 1/2 Window

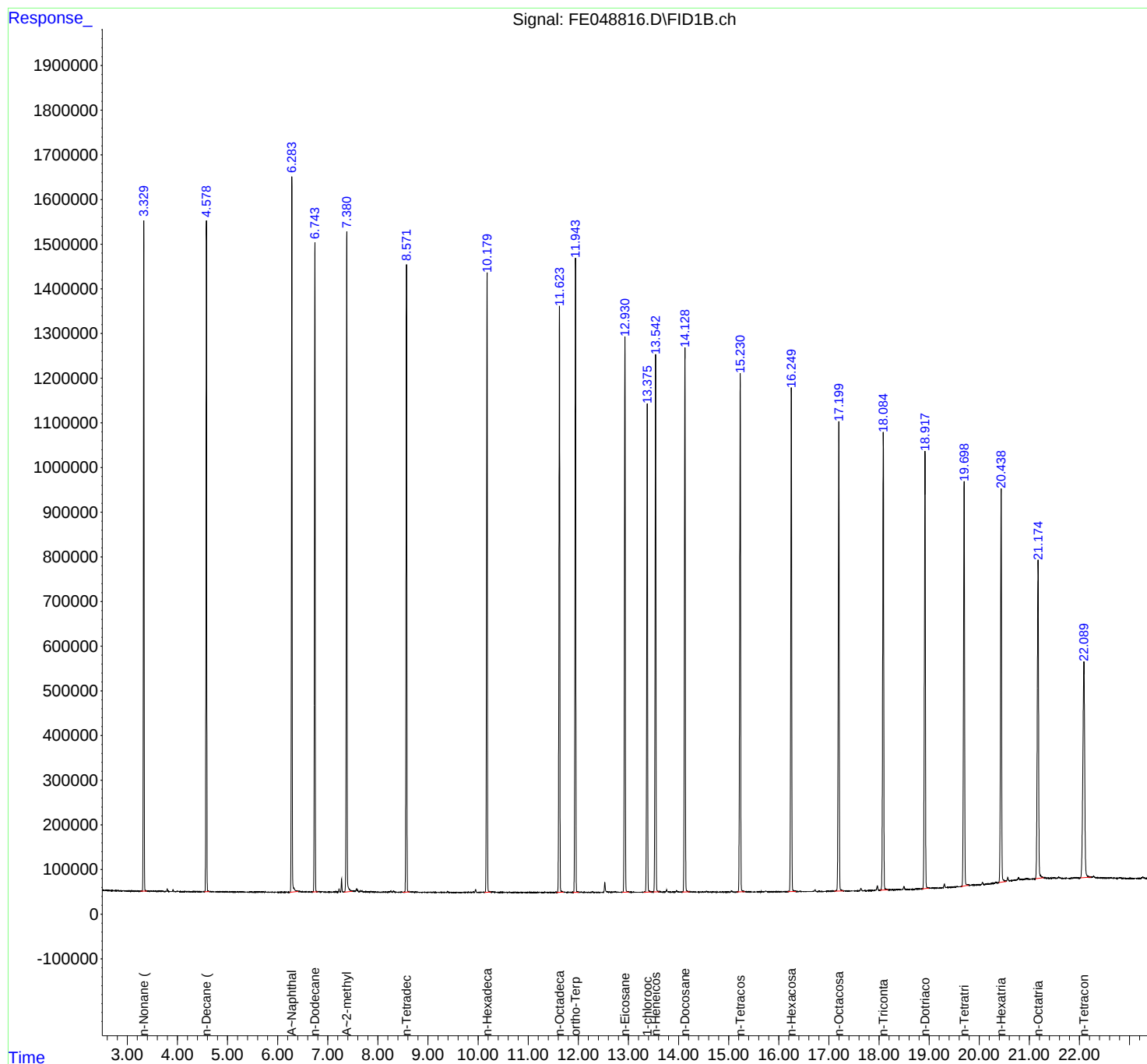
(m)=manual int.

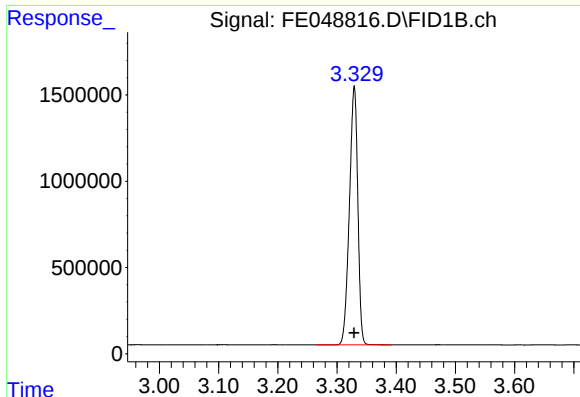
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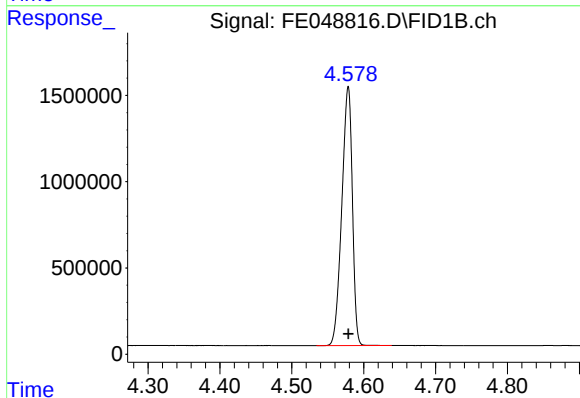




#1 n-Nonane (C9)

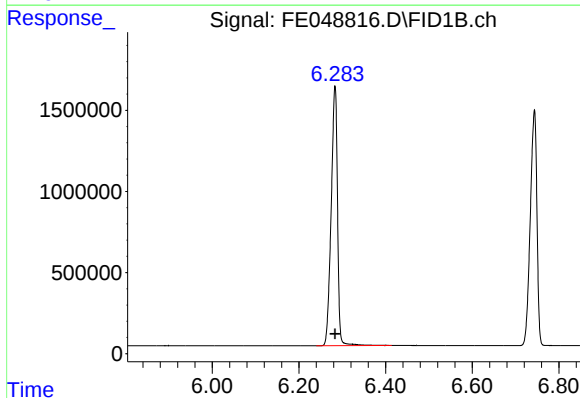
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 14767360
Conc: 98.06 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



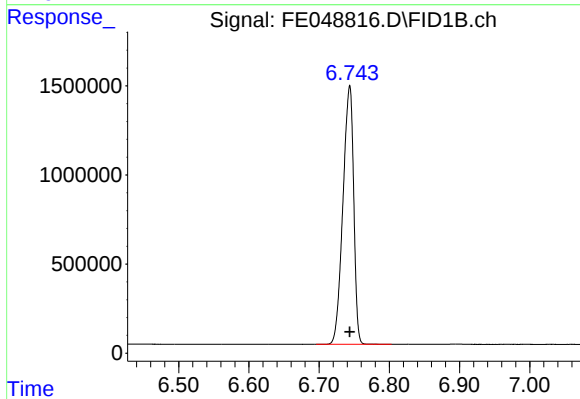
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 15295755
Conc: 98.92 ug/ml



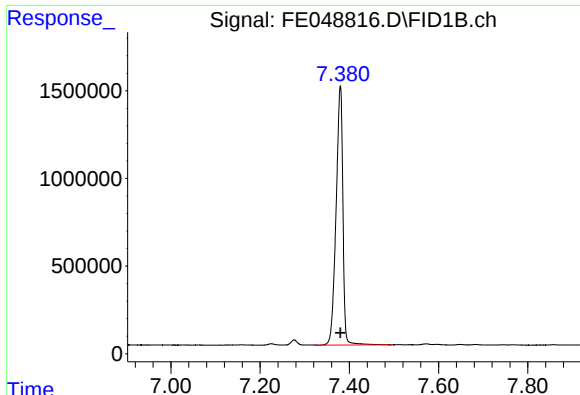
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 16228054
Conc: 99.99 ug/ml



#4 n-Dodecane (C12)

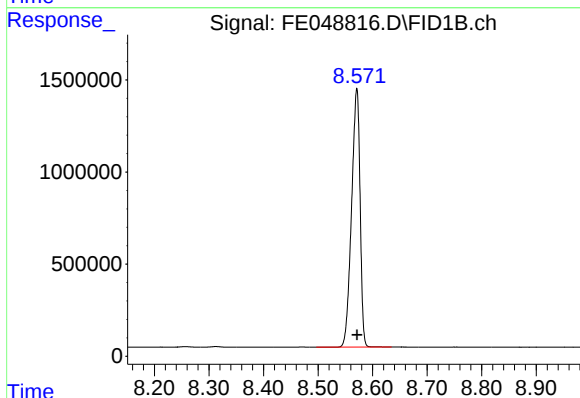
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 15405508
Conc: 99.11 ug/ml



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

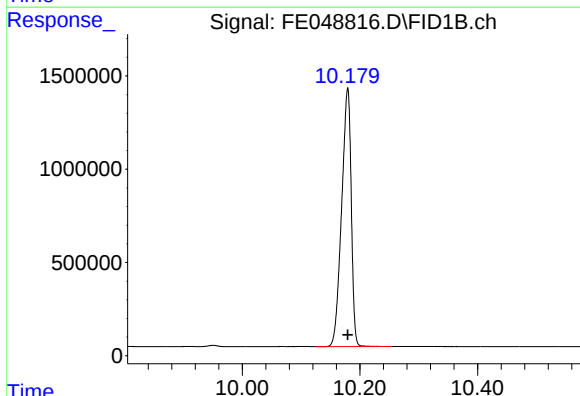
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 15649972
Conc: 100.43 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



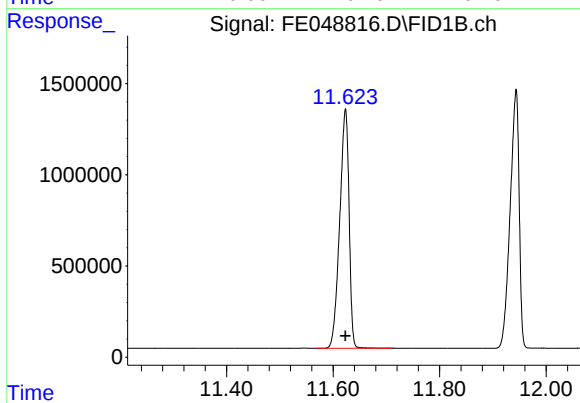
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 15198565
Conc: 98.85 ug/ml



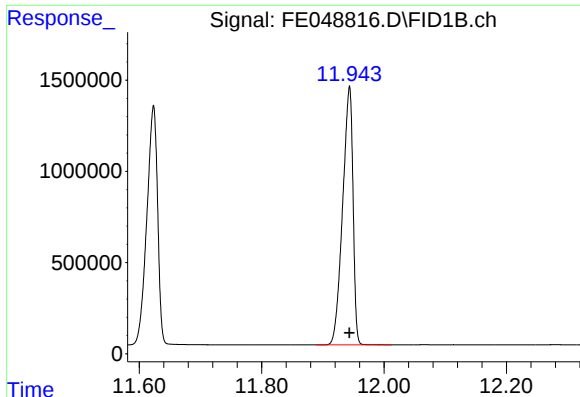
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 15703399
Conc: 99.31 ug/ml



#8 n-Octadecane (C18)

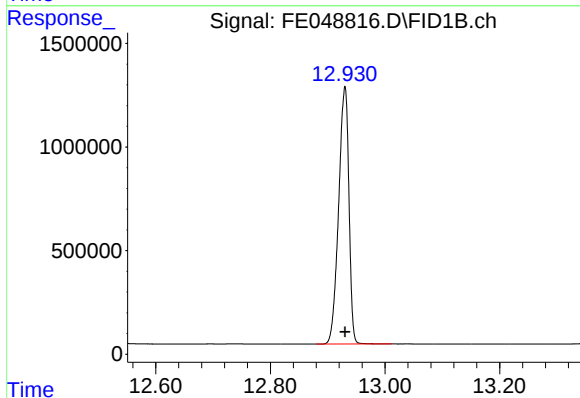
R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 15997124
Conc: 99.11 ug/ml



#9 ortho-Terphenyl (SURR)

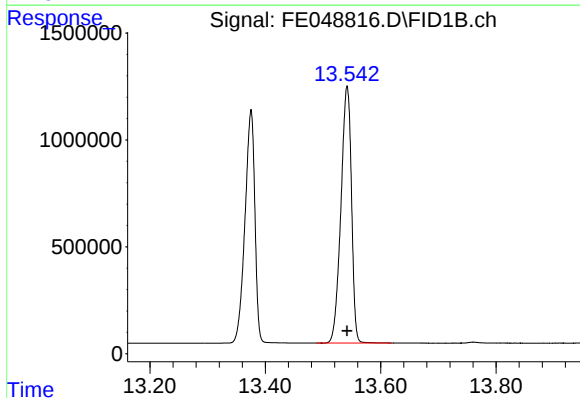
R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 16614144
Conc: 98.75 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



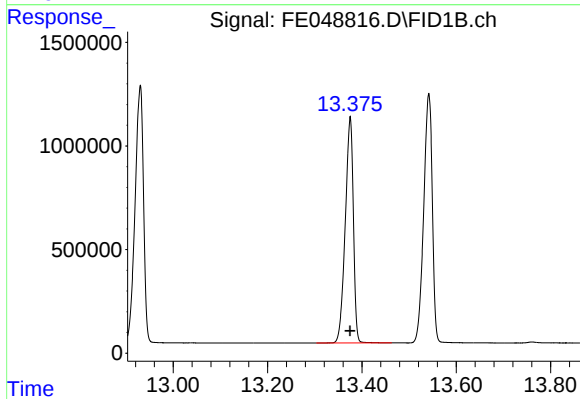
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 15477968
Conc: 98.95 ug/ml



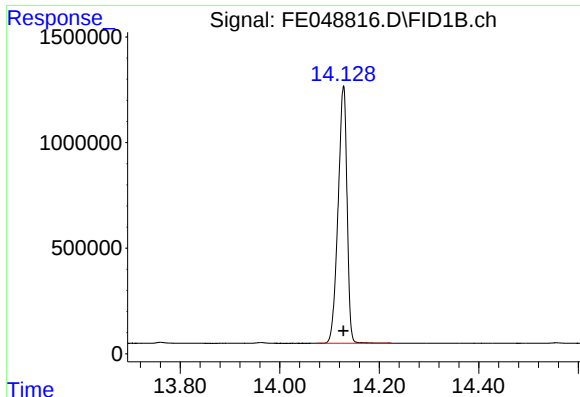
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.000 min
Response: 15238482
Conc: 98.92 ug/ml



#12 1-chlorooctadecane (SURR)

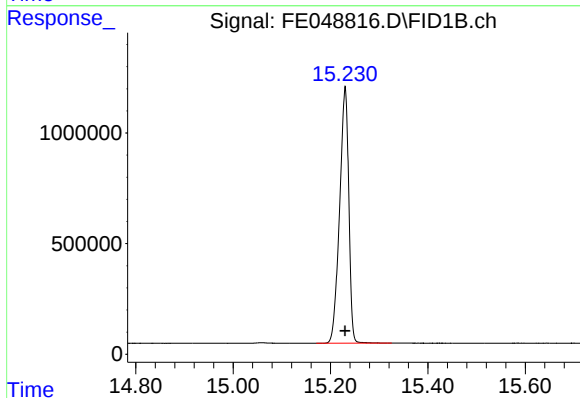
R.T.: 13.375 min
Delta R.T.: 0.000 min
Response: 13022942
Conc: 99.36 ug/ml



#13 n-Docosane (C22)

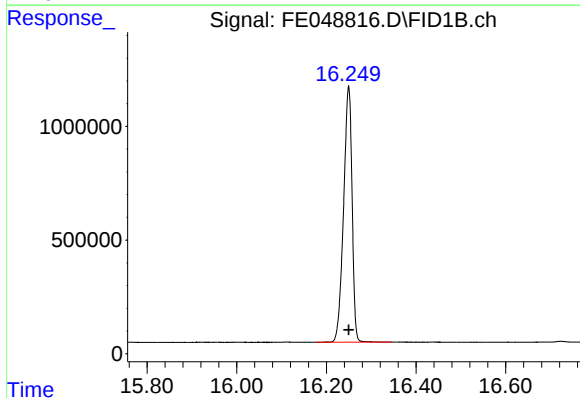
R.T.: 14.128 min
Delta R.T.: 0.000 min
Response: 15184869
Conc: 98.97 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



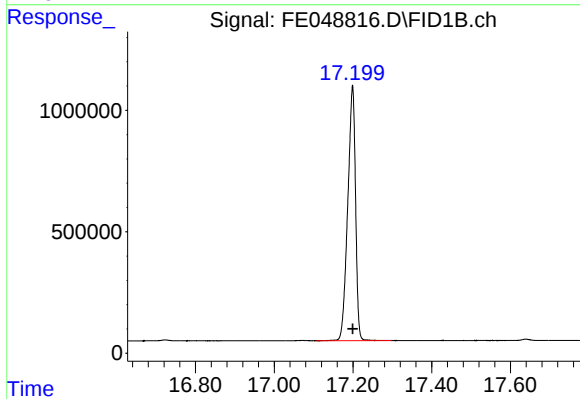
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: 0.000 min
Response: 15093786
Conc: 98.95 ug/ml



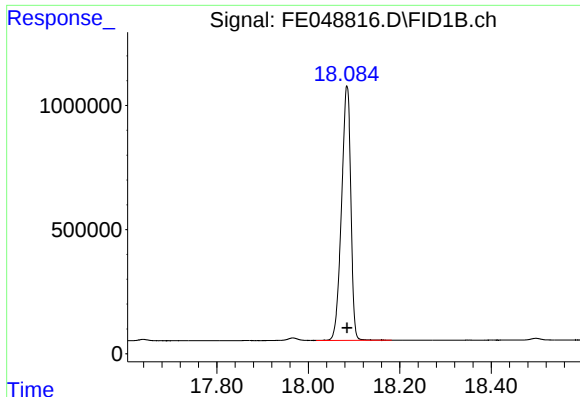
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 14792951
Conc: 98.78 ug/ml



#16 n-Octacosane (C28)

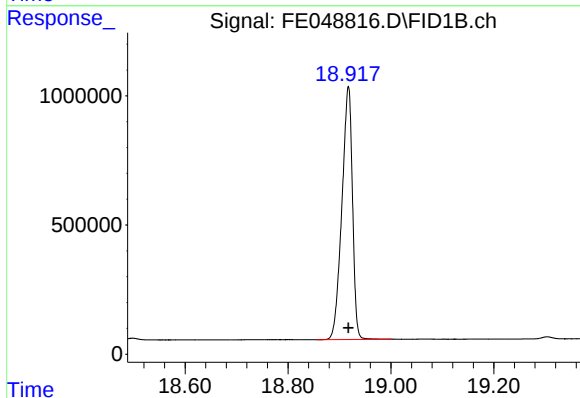
R.T.: 17.199 min
Delta R.T.: 0.000 min
Response: 14401907
Conc: 98.55 ug/ml



#17 n-Tricontane (C30)

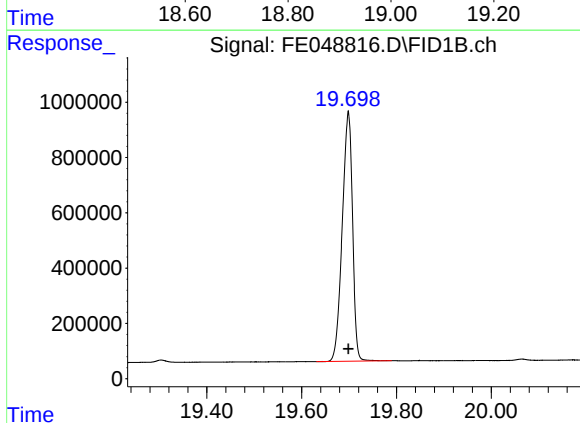
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 14417416
Conc: 97.91 ug/ml

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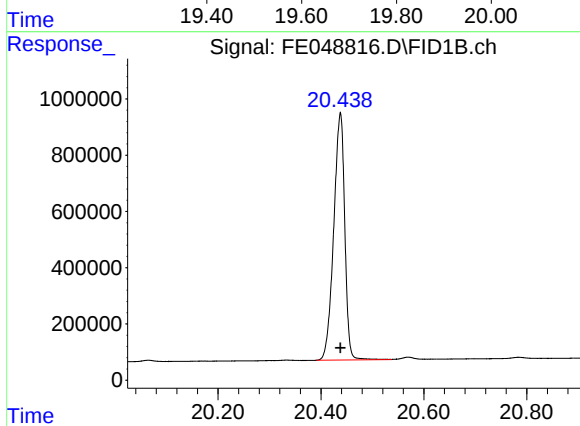
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 13975769
Conc: 97.62 ug/ml



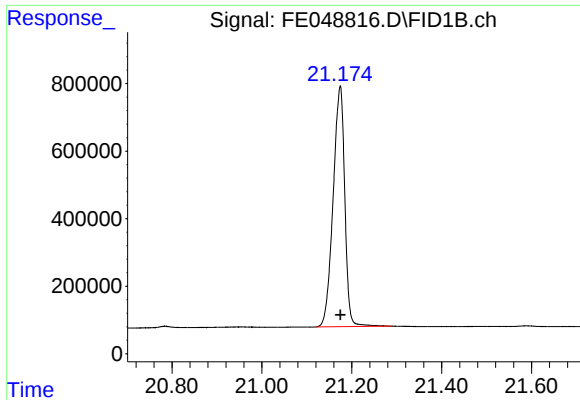
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: 0.000 min
Response: 13551182
Conc: 97.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: 0.000 min
Response: 13096499
Conc: 99.09 ug/ml



#21 n-Octatriacontane (C38)

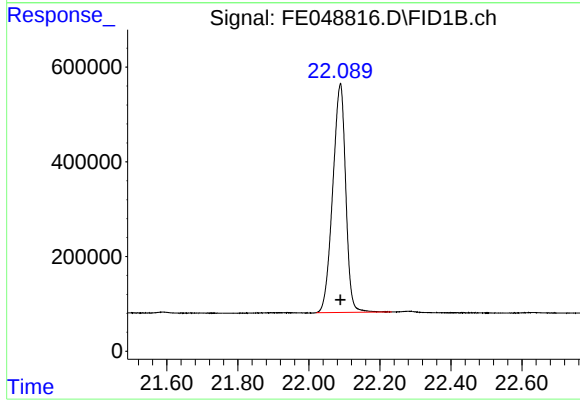
R.T.: 21.174 min
Delta R.T.: 0.000 min
Response: 12824890
Conc: 98.99 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.000 min
Response: 12242067
Conc: 99.40 ug/ml