

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043808.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 13:15
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 07 15:51:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 15:47:24 2022
 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)	11.333	16850937	94.680 ug/ml
Spiked Amount 50.000		Recovery =	189.36%
12) S 1-chlorooctadecane (S...	12.746	13342771	95.882 ug/ml
Spiked Amount 50.000		Recovery =	191.76%
Target Compounds			
1) T n-Nonane (C9)	3.161	14616605	97.169 ug/ml
2) T n-Decane (C10)	4.210	14764205	97.158 ug/ml
3) T A~Naphthalene (C11.7)	5.781	15775948	106.276 ug/ml
4) T n-Dodecane (C12)	6.207	15009600	96.546 ug/ml
5) T A~2-methylnaphthalene...	6.827	15665313	110.028 ug/ml
6) T n-Tetradecane (C14)	7.987	14961600	95.322 ug/ml
7) T n-Hexadecane (C16)	9.576	15256208	95.695 ug/ml
8) T n-Octadecane (C18)	11.009	15505414	94.750 ug/ml
10) T n-Eicosane (C20)	12.306	15662503	94.503 ug/ml
11) T n-Heneicosane (C21)	12.913	15768271	94.159 ug/ml
13) T n-Docosane (C22)	13.493	15844012	94.932 ug/ml
14) T n-Tetracosane (C24)	14.585	15689886	94.594 ug/ml
15) T n-Hexacosane (C26)	15.596	15515781	94.484 ug/ml
16) T n-Octacosane (C28)	16.536	15064207	94.133 ug/ml
17) T n-Tricontane (C30)	17.414	14772662	93.960 ug/ml
18) T n-Dotriacontane (C32)	18.237	14170833	93.584 ug/ml
19) T n-Tetratriacontane (C34)	19.011	13055360	95.291 ug/ml
20) T n-Hexatriacontane (C36)	19.742	12416350	95.793 ug/ml
21) T n-Octatriacontane (C38)	20.434	11697826	95.590 ug/ml
22) T n-Tetracontane (C40)	21.202	11247936	97.353 ug/ml

(f)=RT Delta > 1/2 Window

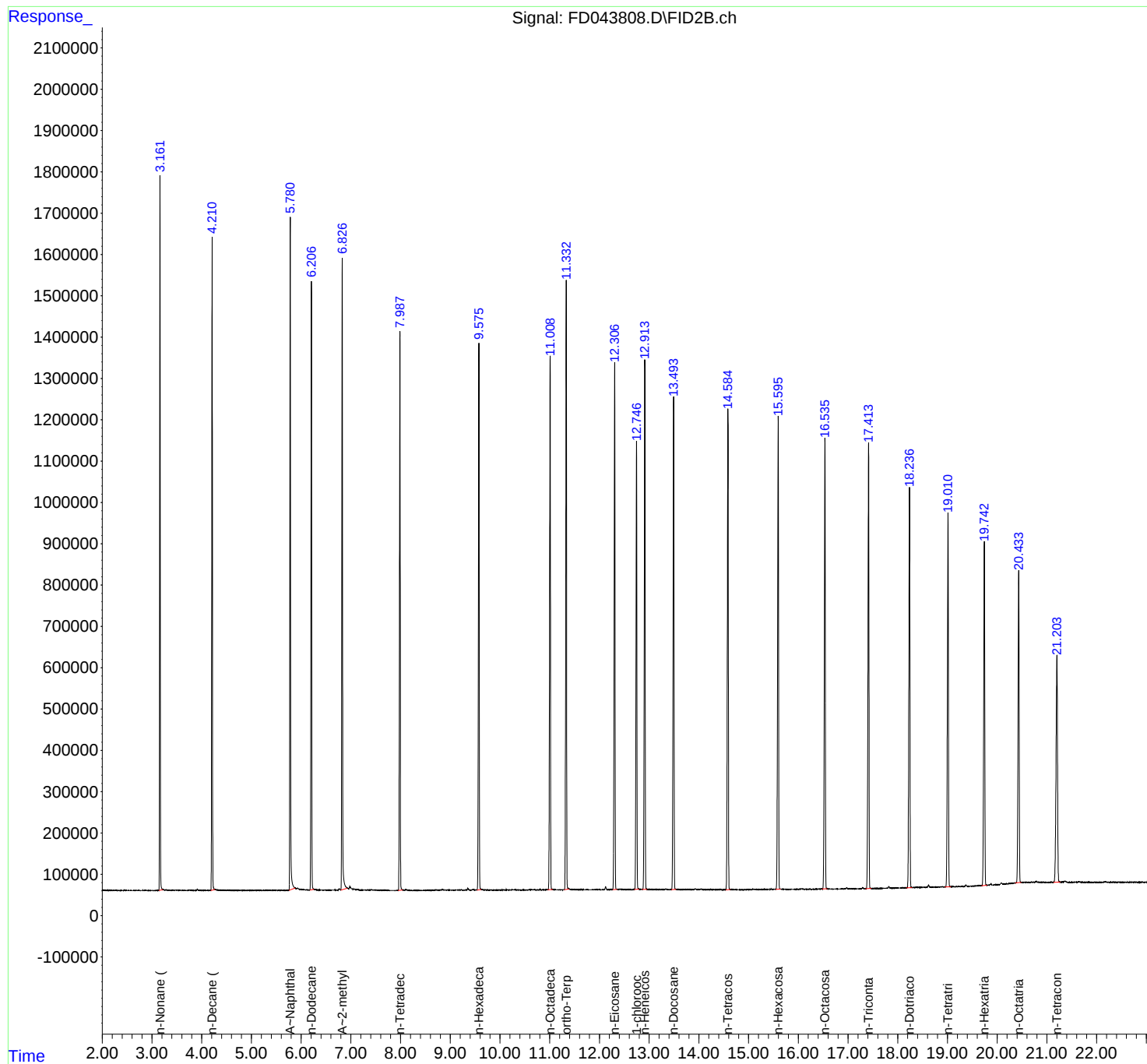
(m)=manual int.

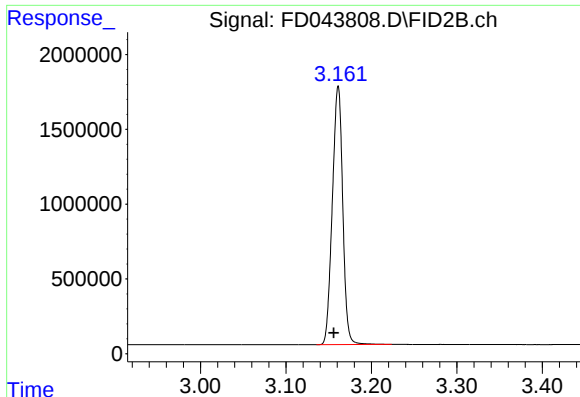
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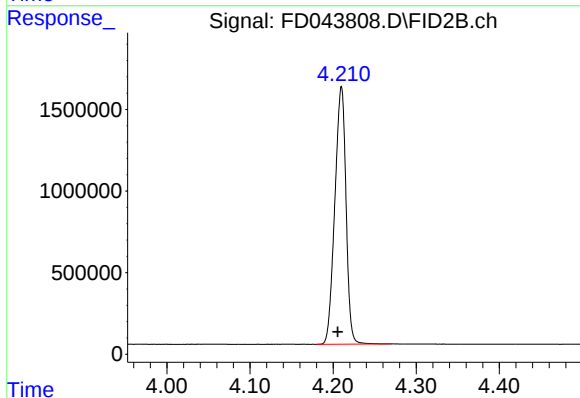




#1 n-Nonane (C9)

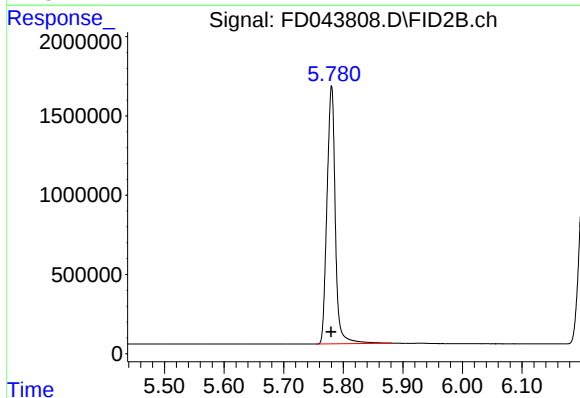
R.T.: 3.161 min
Delta R.T.: 0.005 min
Response: 14616605
Conc: 97.17 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



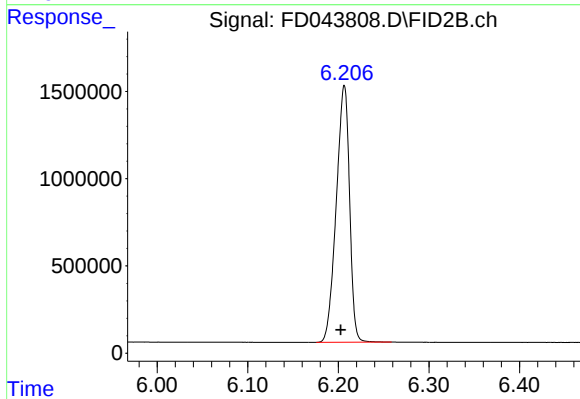
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: 0.004 min
Response: 14764205
Conc: 97.16 ug/ml



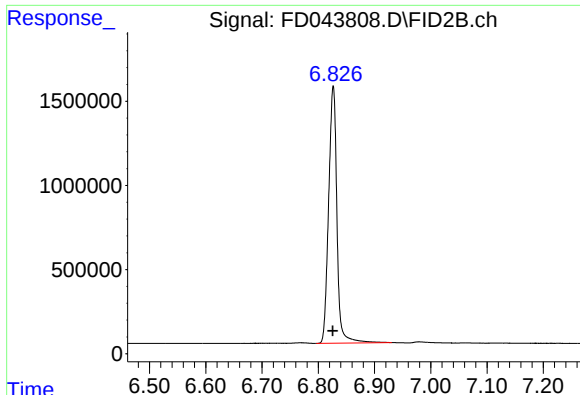
#3 A~Naphthalene (C11.7)

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 15775948
Conc: 106.28 ug/ml



#4 n-Dodecane (C12)

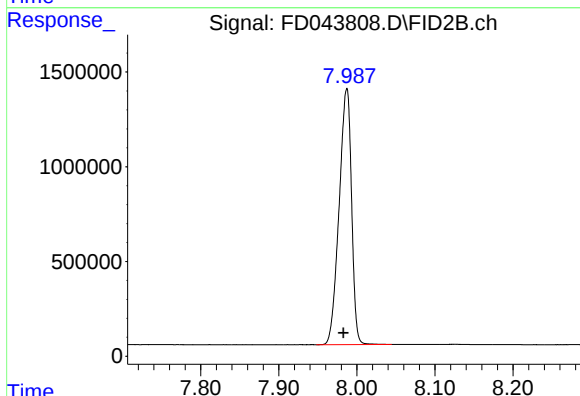
R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 15009600
Conc: 96.55 ug/ml



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

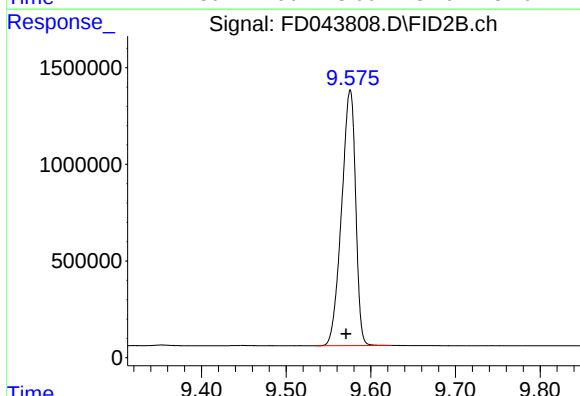
R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 15665313
Conc: 110.03 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



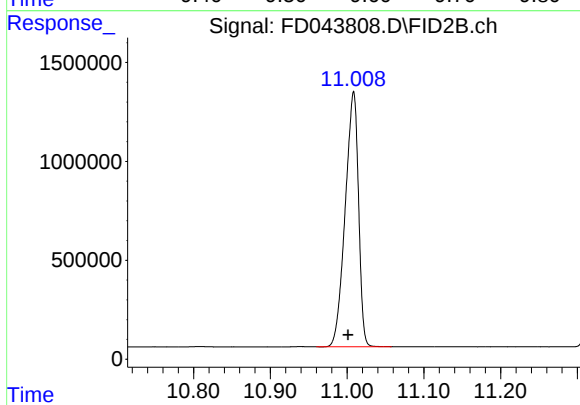
#6 n-Tetradecane (C14)

R.T.: 7.987 min
Delta R.T.: 0.004 min
Response: 14961600
Conc: 95.32 ug/ml



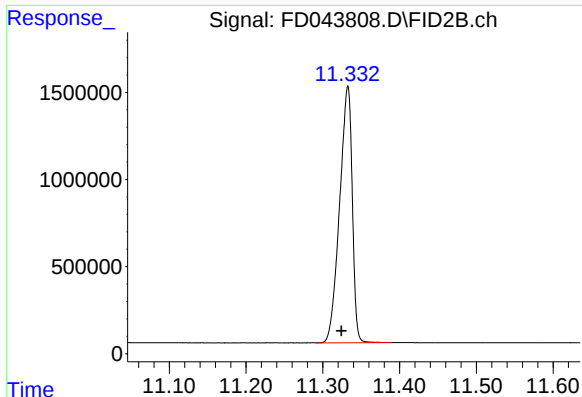
#7 n-Hexadecane (C16)

R.T.: 9.576 min
Delta R.T.: 0.005 min
Response: 15256208
Conc: 95.70 ug/ml



#8 n-Octadecane (C18)

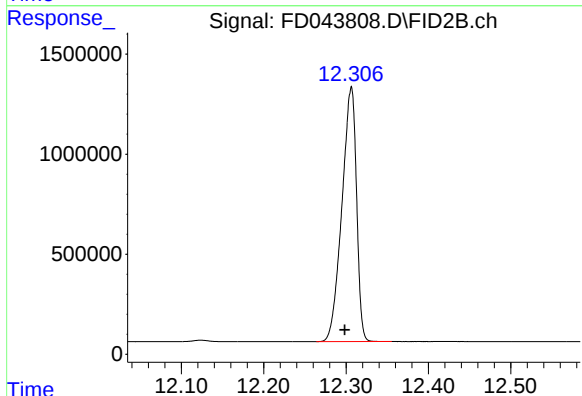
R.T.: 11.009 min
Delta R.T.: 0.007 min
Response: 15505414
Conc: 94.75 ug/ml



#9 ortho-Terphenyl (SURR)

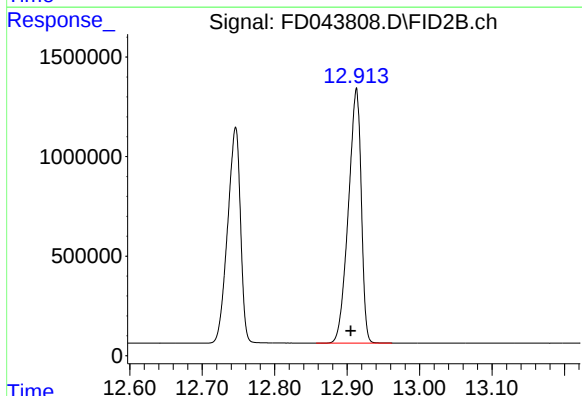
R.T.: 11.333 min
Delta R.T.: 0.009 min
Response: 16850937
Conc: 94.68 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



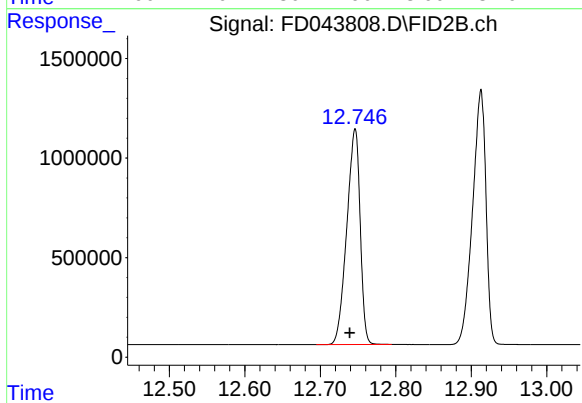
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 15662503
Conc: 94.50 ug/ml



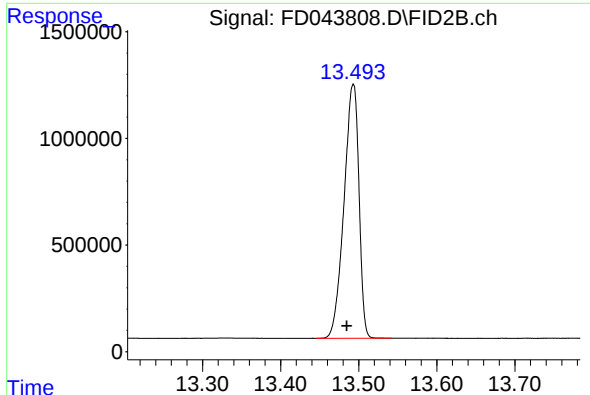
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.008 min
Response: 15768271
Conc: 94.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.746 min
Delta R.T.: 0.007 min
Response: 13342771
Conc: 95.88 ug/ml



#13 n-Docosane (C22)

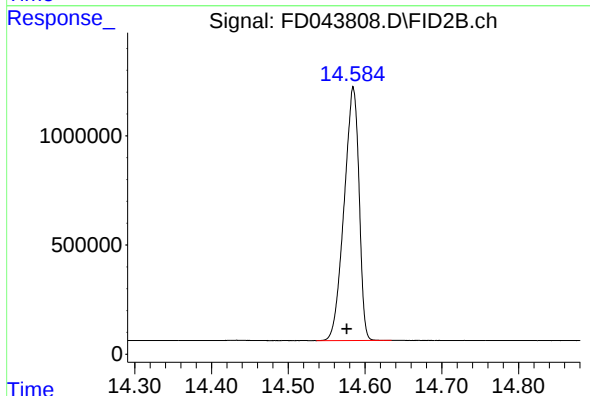
R.T.: 13.493 min
Delta R.T.: 0.008 min
Response: 15844012
Conc: 94.93 ug/ml

Instrument :

FID_D

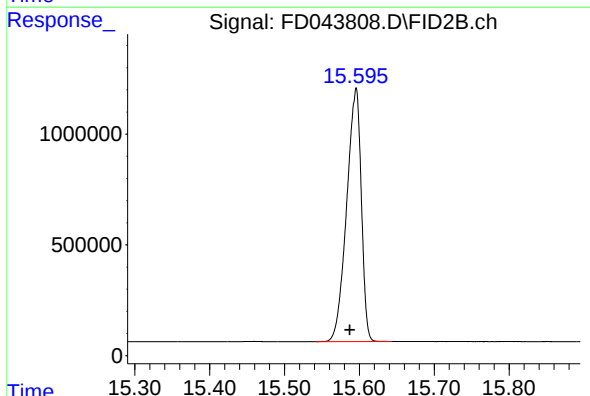
ClientSampleId :

100 PPM ALIPHATIC HC STD1



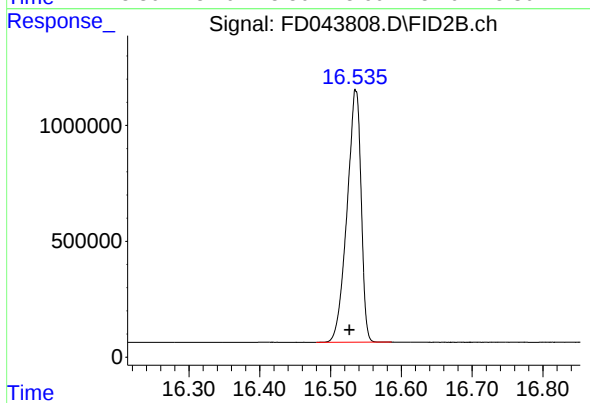
#14 n-Tetracosane (C24)

R.T.: 14.585 min
Delta R.T.: 0.008 min
Response: 15689886
Conc: 94.59 ug/ml



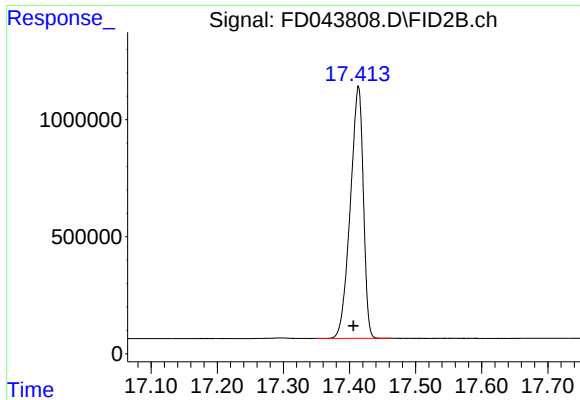
#15 n-Hexacosane (C26)

R.T.: 15.596 min
Delta R.T.: 0.009 min
Response: 15515781
Conc: 94.48 ug/ml



#16 n-Octacosane (C28)

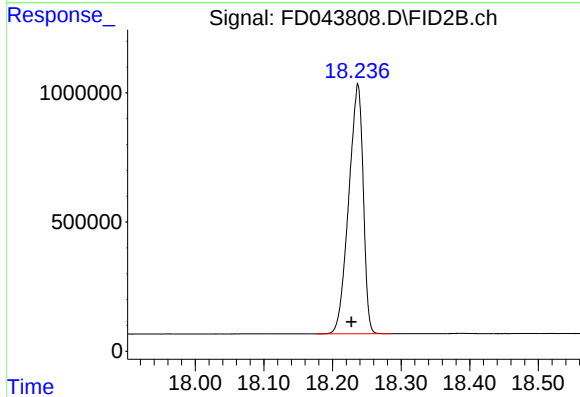
R.T.: 16.536 min
Delta R.T.: 0.009 min
Response: 15064207
Conc: 94.13 ug/ml



#17 n-Tricontane (C30)

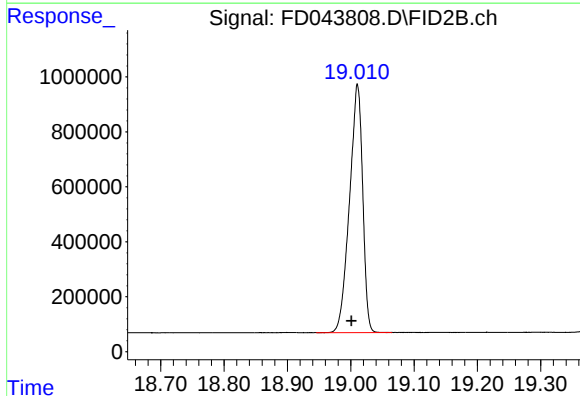
R.T.: 17.414 min
Delta R.T.: 0.008 min
Response: 14772662
Conc: 93.96 ug/ml

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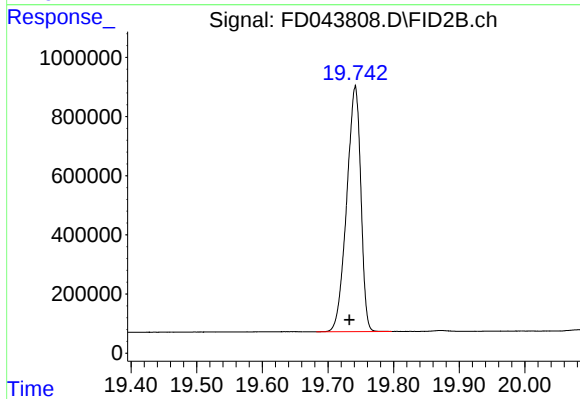
#18 n-Dotriacontane (C32)

R.T.: 18.237 min
Delta R.T.: 0.010 min
Response: 14170833
Conc: 93.58 ug/ml



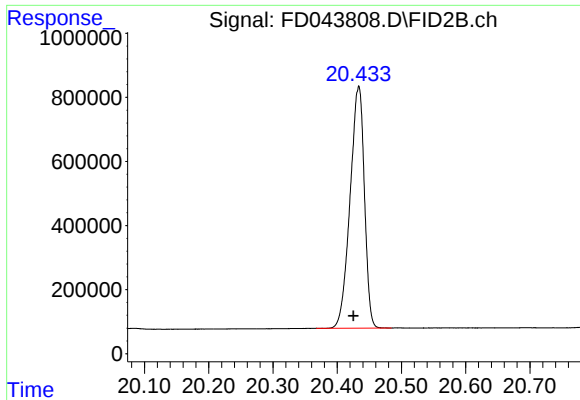
#19 n-Tetratriacontane (C34)

R.T.: 19.011 min
Delta R.T.: 0.009 min
Response: 13055360
Conc: 95.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.742 min
Delta R.T.: 0.009 min
Response: 12416350
Conc: 95.79 ug/ml



#21 n-Octatriacontane (C38)

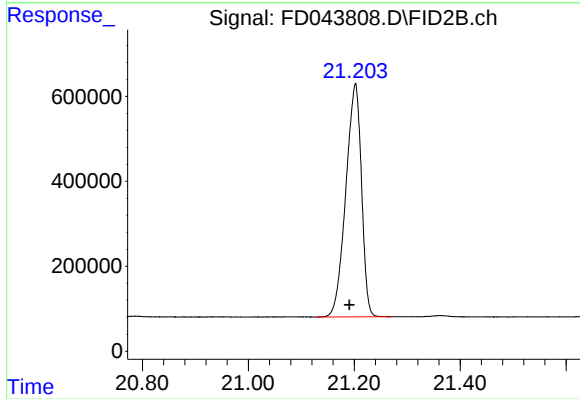
R.T.: 20.434 min
Delta R.T.: 0.008 min
Response: 11697826
Conc: 95.59 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.202 min
Delta R.T.: 0.011 min
Response: 11247936
Conc: 97.35 ug/ml