

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AL\
 Data File : FD044538.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 23:43
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 29 03:50:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:47:30 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)	11.582	13915795	95.057 ug/ml
Spiked Amount 50.000		Recovery =	190.11%
12) S 1-chlorooctadecane (S...	13.004	10672484	95.095 ug/ml
Spiked Amount 50.000		Recovery =	190.19%
Target Compounds			
1) T n-Nonane (C9)	3.399	12439060	95.200 ug/ml
2) T n-Decane (C10)	4.458	12241475	95.122 ug/ml
3) T A~Naphthalene (C11.7)	6.034	14234243	95.191 ug/ml
4) T n-Dodecane (C12)	6.461	12445516	95.127 ug/ml
5) T A~2-methylnaphthalene...	7.082	13500399	95.127 ug/ml
6) T n-Tetradecane (C14)	8.243	12584123	95.138 ug/ml
7) T n-Hexadecane (C16)	9.833	12787320	95.028 ug/ml
8) T n-Octadecane (C18)	11.265	12776345	95.019 ug/ml
10) T n-Eicosane (C20)	12.563	12322455	94.982 ug/ml
11) T n-Heneicosane (C21)	13.170	12314827	94.893 ug/ml
13) T n-Docosane (C22)	13.752	12138745	94.976 ug/ml
14) T n-Tetracosane (C24)	14.845	11921478	94.883 ug/ml
15) T n-Hexacosane (C26)	15.857	11533588	94.807 ug/ml
16) T n-Octacosane (C28)	16.799	11230370	95.065 ug/ml
17) T n-Tricontane (C30)	17.679	10941490	94.843 ug/ml
18) T n-Dotriacontane (C32)	18.505	10846840	94.875 ug/ml
19) T n-Tetratriacontane (C34)	19.283	10762410	94.847 ug/ml
20) T n-Hexatriacontane (C36)	20.016	10382587	95.149 ug/ml
21) T n-Octatriacontane (C38)	20.732	10410686	95.379 ug/ml
22) T n-Tetracontane (C40)	21.609	10408449	95.137 ug/ml

(f)=RT Delta > 1/2 Window

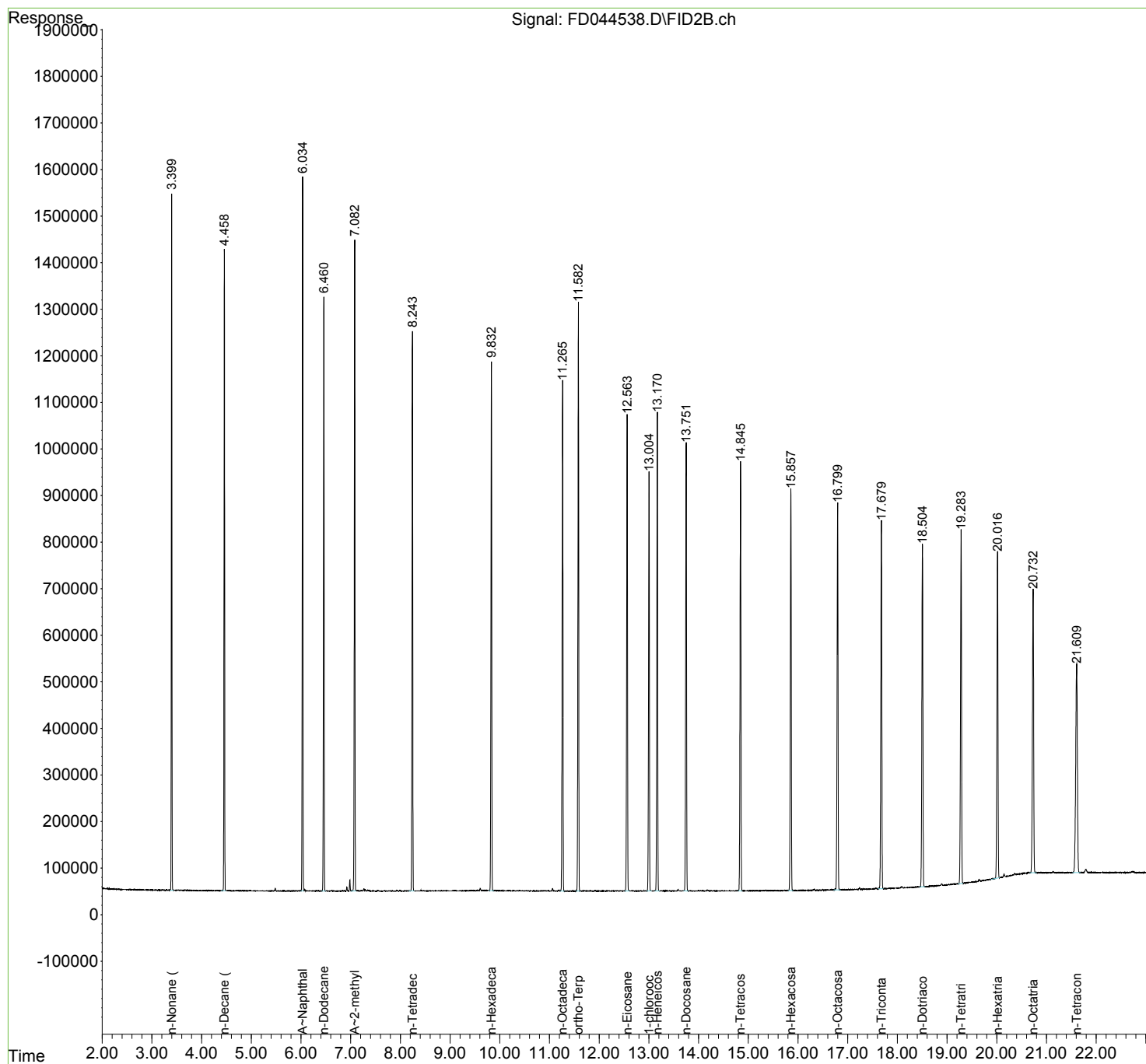
(m)=manual int.

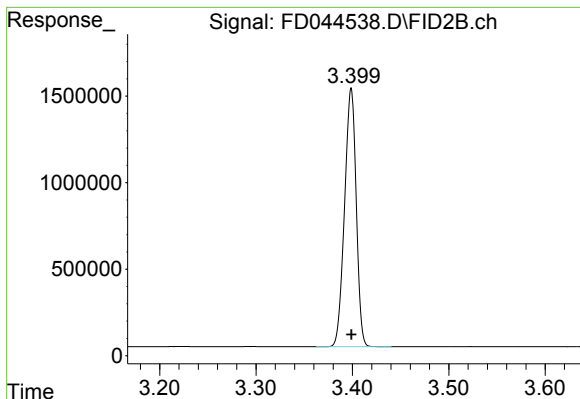
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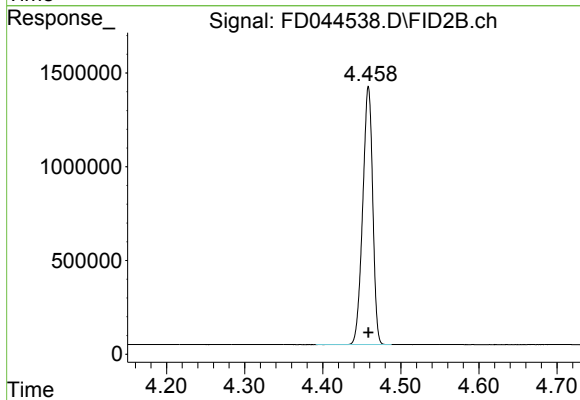




#1 n-Nonane (C9)

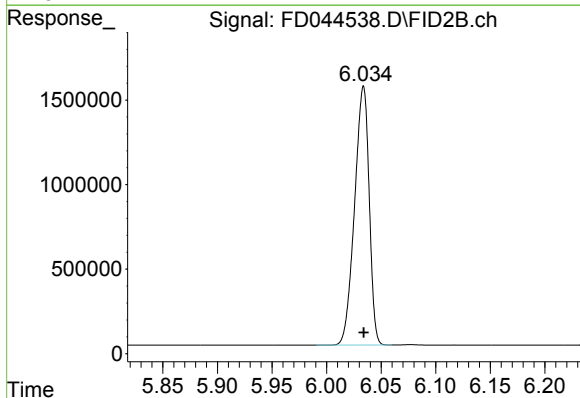
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 12439060
Conc: 95.20 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



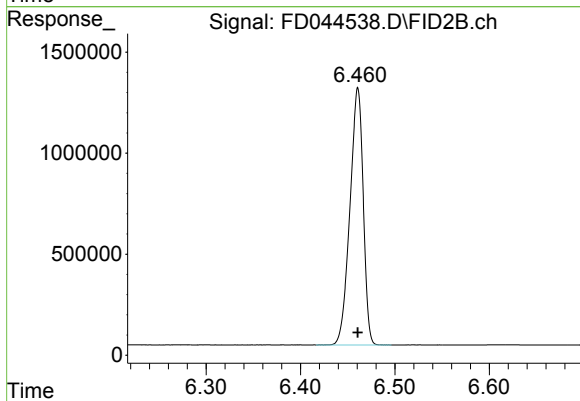
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 12241475
Conc: 95.12 ug/ml



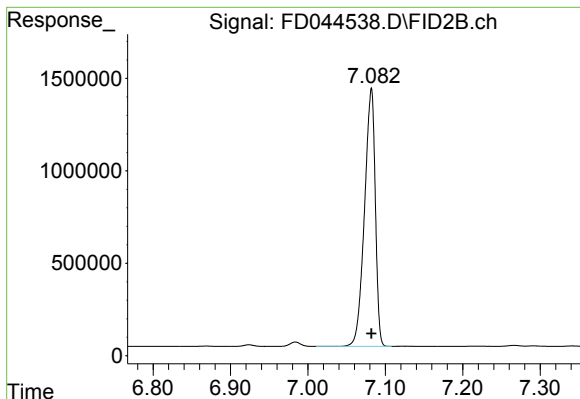
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 14234243
Conc: 95.19 ug/ml



#4 n-Dodecane (C12)

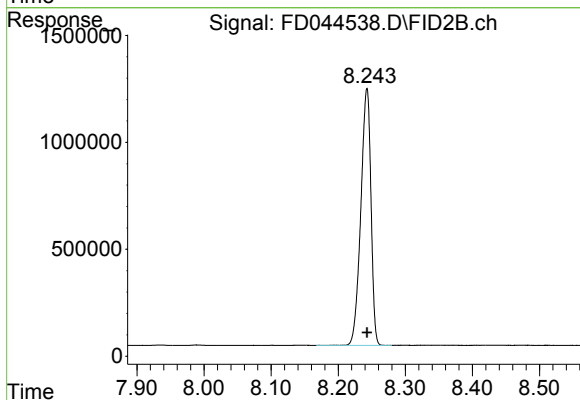
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 12445516
Conc: 95.13 ug/ml



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

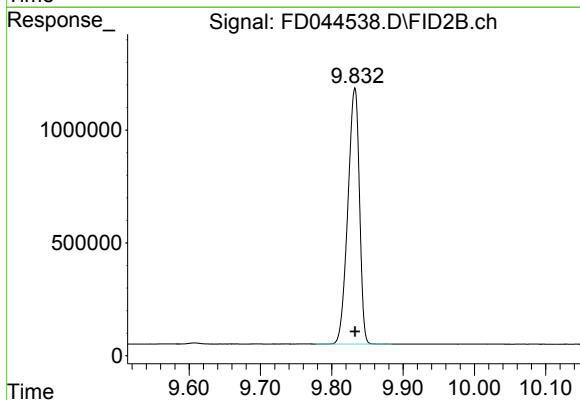
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 13500399
Conc: 95.13 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



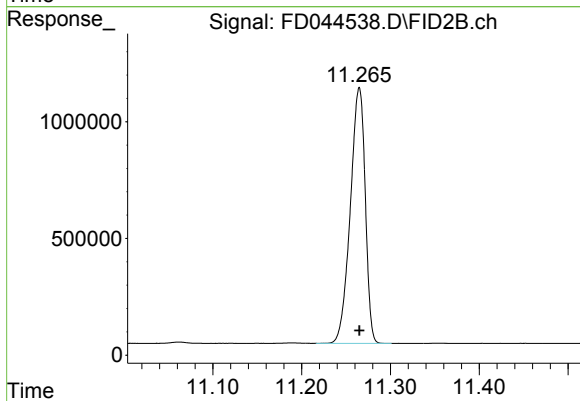
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 12584123
Conc: 95.14 ug/ml



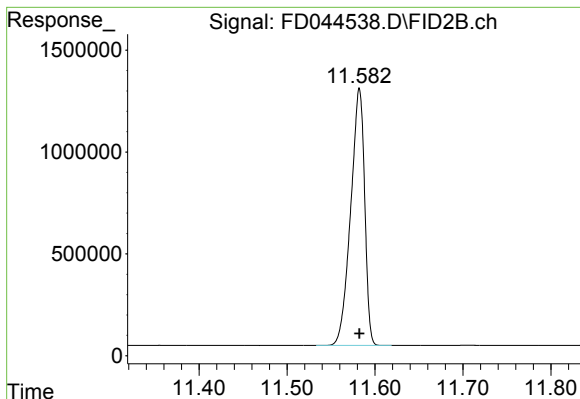
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: 0.000 min
Response: 12787320
Conc: 95.03 ug/ml



#8 n-Octadecane (C18)

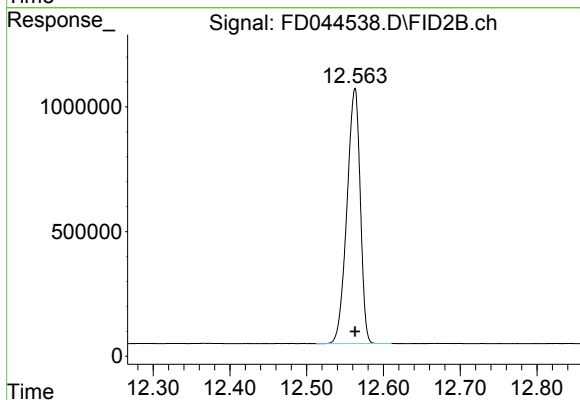
R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 12776345
Conc: 95.02 ug/ml



#9 ortho-Terphenyl (SURR)

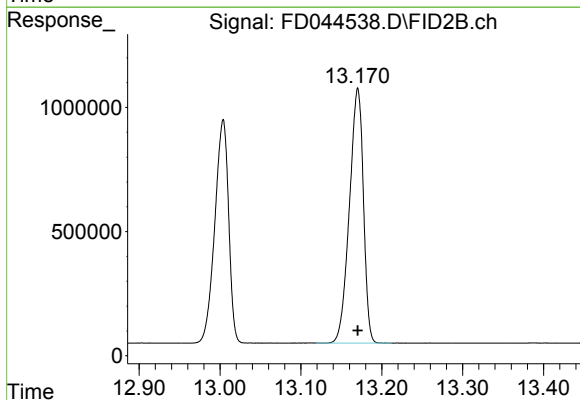
R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 13915795
Conc: 95.06 ug/ml

Instrument :
FID_D
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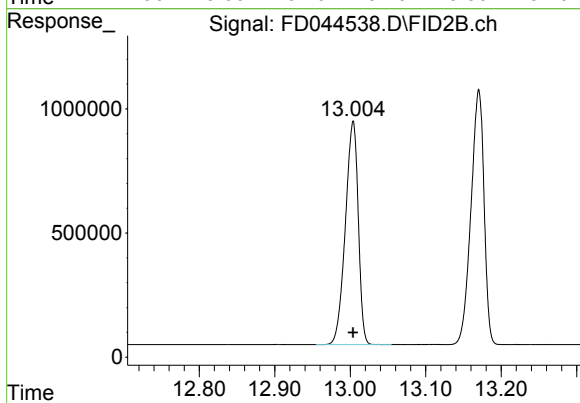
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: 0.000 min
Response: 12322455
Conc: 94.98 ug/ml



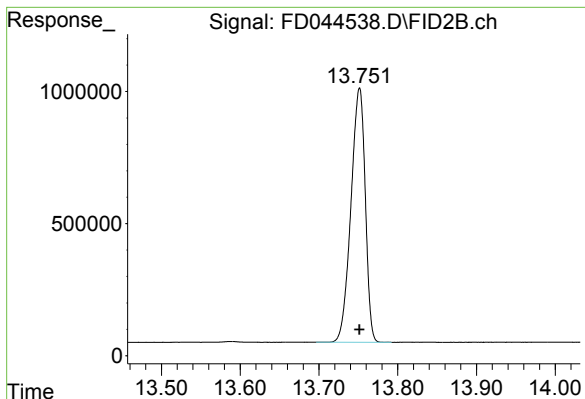
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 12314827
Conc: 94.89 ug/ml



#12 1-chlorooctadecane (SURR)

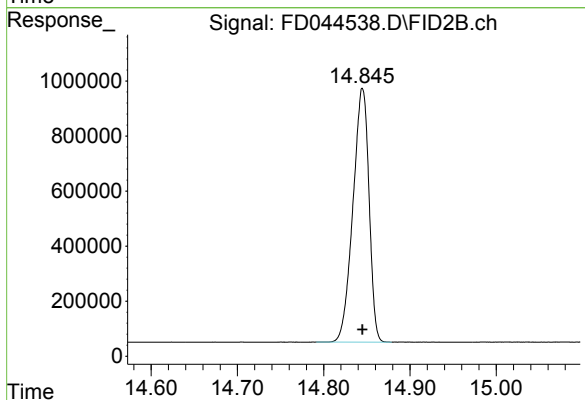
R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 10672484
Conc: 95.10 ug/ml



#13 n-Docosane (C22)

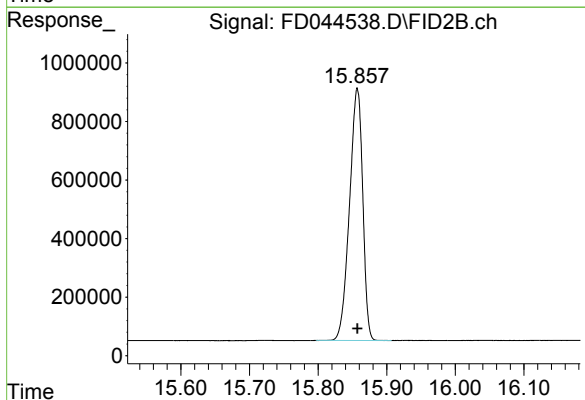
R.T.: 13.752 min
Delta R.T.: 0.000 min
Response: 12138745
Conc: 94.98 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



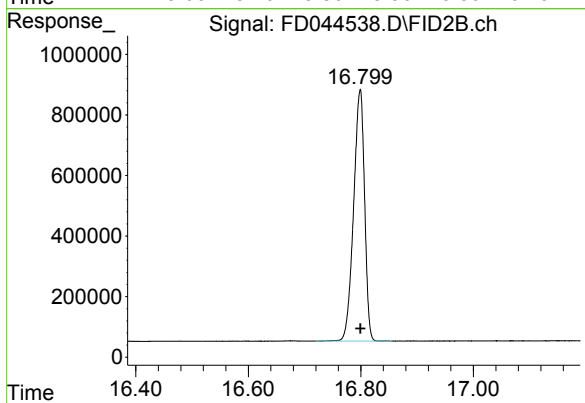
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: 0.000 min
Response: 11921478
Conc: 94.88 ug/ml



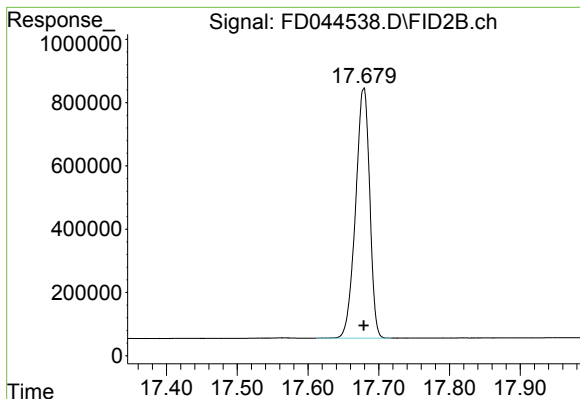
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: 0.000 min
Response: 11533588
Conc: 94.81 ug/ml



#16 n-Octacosane (C28)

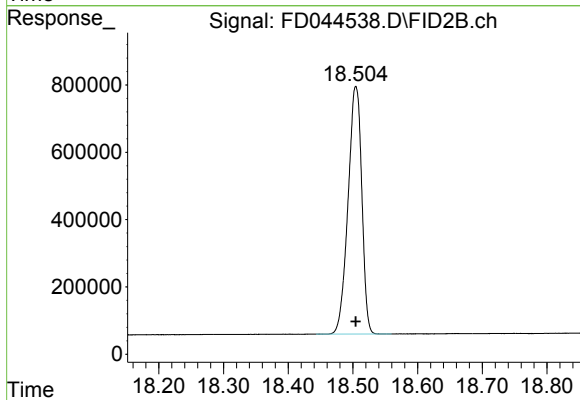
R.T.: 16.799 min
Delta R.T.: 0.000 min
Response: 11230370
Conc: 95.07 ug/ml



#17 n-Tricontane (C30)

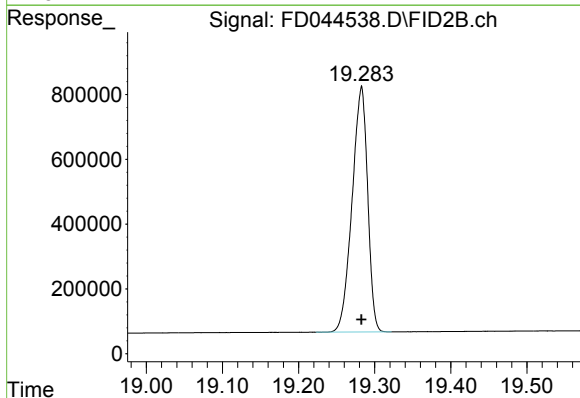
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 10941490
Conc: 94.84 ug/ml

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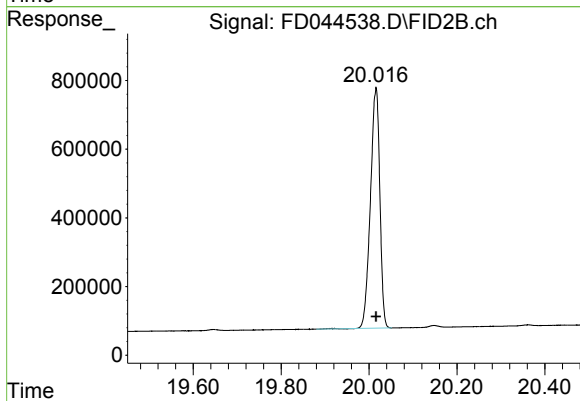
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 10846840
Conc: 94.87 ug/ml



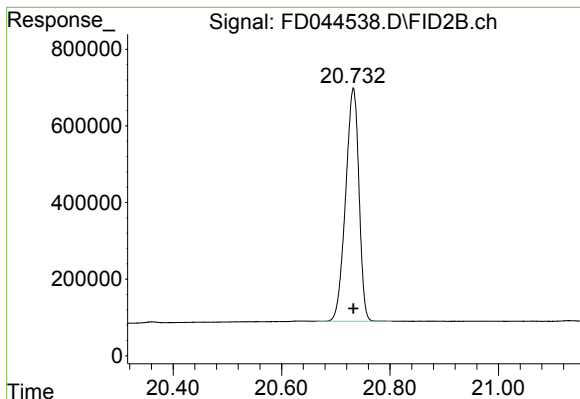
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.000 min
Response: 10762410
Conc: 94.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: 0.000 min
Response: 10382587
Conc: 95.15 ug/ml



#21 n-Octatriacontane (C38)

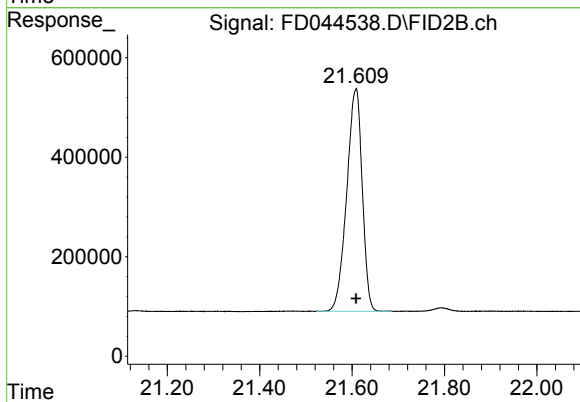
R.T.: 20.732 min
Delta R.T.: 0.000 min
Response: 10410686
Conc: 95.38 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.000 min
Response: 10408449
Conc: 95.14 ug/ml