

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046142.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 10:57
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 20 13:18:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 13:18:25 2023
 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)	11.409	16344678	92.506 ug/ml
Spiked Amount 50.000		Recovery =	185.01%
12) S 1-chlorooctadecane (S...	12.840	11744366	96.166 ug/ml
Spiked Amount 50.000		Recovery =	192.33%
Target Compounds			
1) T n-Nonane (C9)	3.235	14500161	91.185 ug/ml
2) T n-Decane (C10)	4.289	14795453	91.404 ug/ml
3) T A~Naphthalene (C11.7)	5.852	16081725	91.234 ug/ml
4) T n-Dodecane (C12)	6.292	14938948	91.663 ug/ml
5) T A~2-methylnaphthalene...	6.902	15491590	92.666 ug/ml
6) T n-Tetradecane (C14)	8.077	14784917	91.991 ug/ml
7) T n-Hexadecane (C16)	9.669	15168673	91.938 ug/ml
8) T n-Octadecane (C18)	11.104	15100662	92.223 ug/ml
10) T n-Eicosane (C20)	12.401	14119185	93.211 ug/ml
11) T n-Heneicosane (C21)	13.010	13669759	93.491 ug/ml
13) T n-Docosane (C22)	13.592	13328244	94.026 ug/ml
14) T n-Tetracosane (C24)	14.686	12793415	92.655 ug/ml
15) T n-Hexacosane (C26)	15.699	12059514	93.756 ug/ml
16) T n-Octacosane (C28)	16.642	11485334	93.344 ug/ml
17) T n-Tricontane (C30)	17.522	11446100	91.286 ug/ml
18) T n-Dotriacontane (C32)	18.347	11301829	91.528 ug/ml
19) T n-Tetratriacontane (C34)	19.124	11443563	88.276 ug/ml
20) T n-Hexatriacontane (C36)	19.858	10961785	94.970 ug/ml
21) T n-Octatriacontane (C38)	20.558	10734528	96.082 ug/ml
22) T n-Tetracontane (C40)	21.376	9991942	93.539 ug/ml

(f)=RT Delta > 1/2 Window

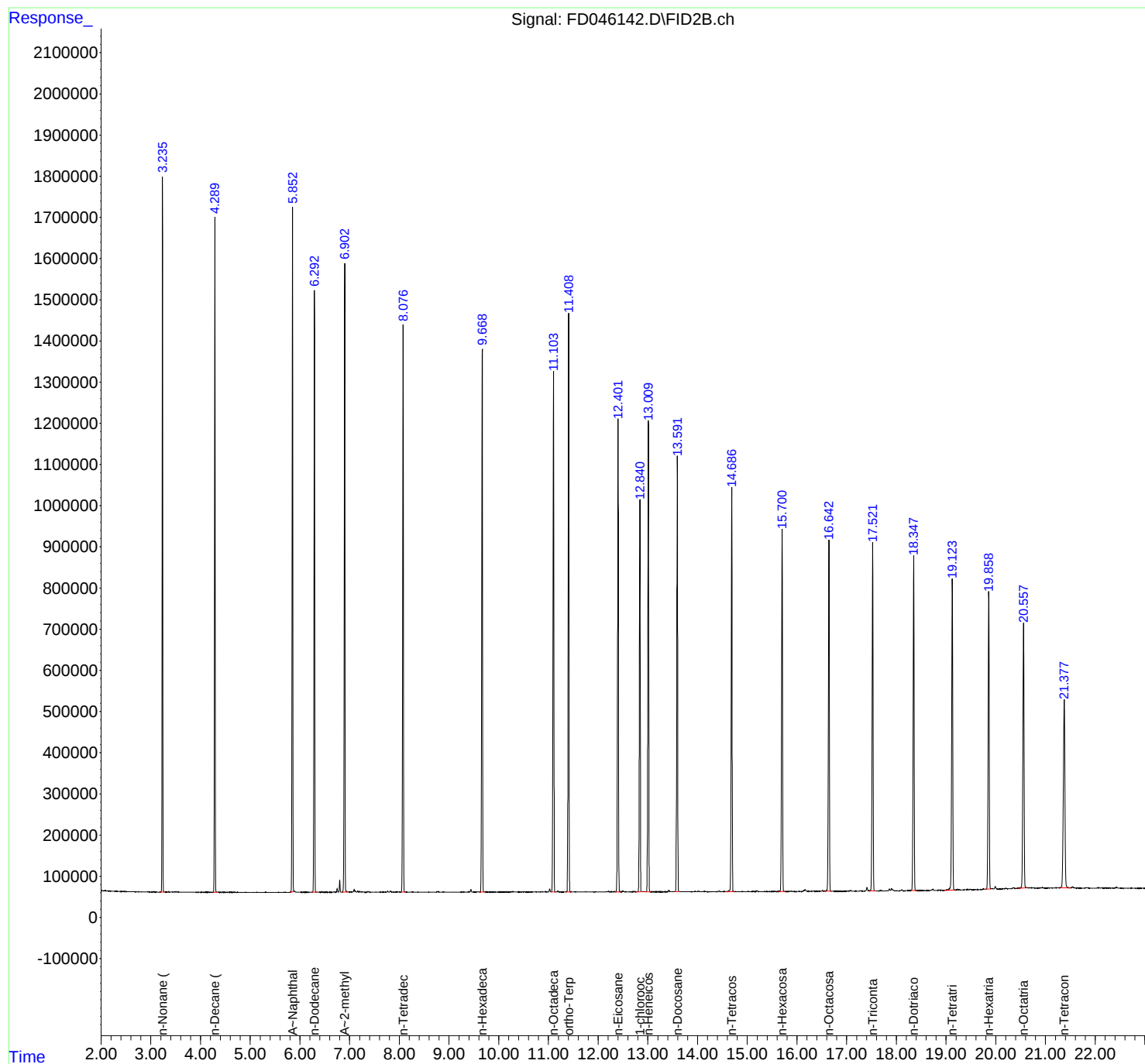
(m)=manual int.

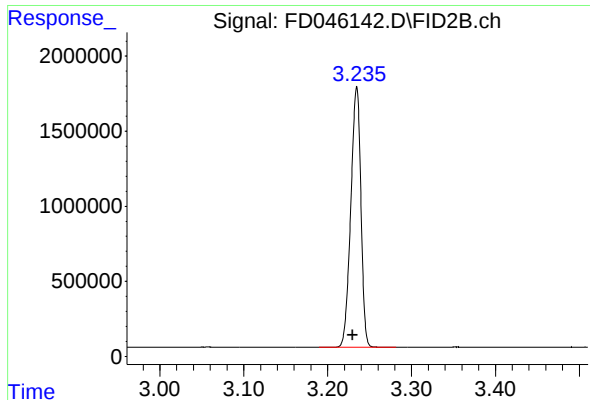
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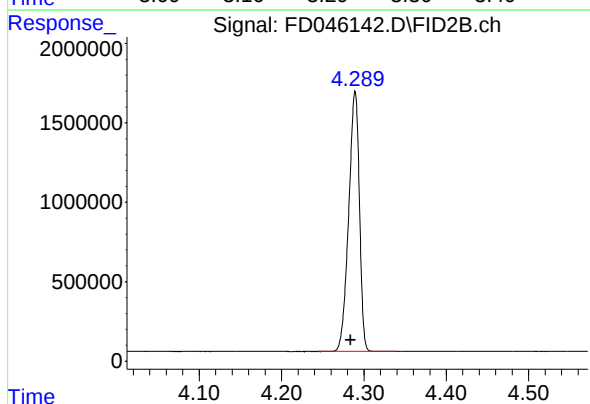




#1 n-Nonane (C9)

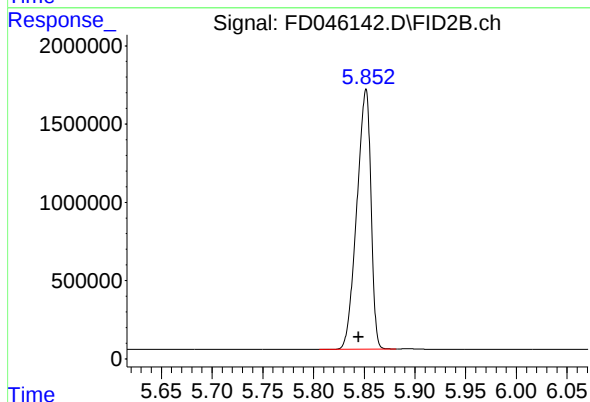
R.T.: 3.235 min
Delta R.T.: 0.005 min
Response: 14500161
Conc: 91.19 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



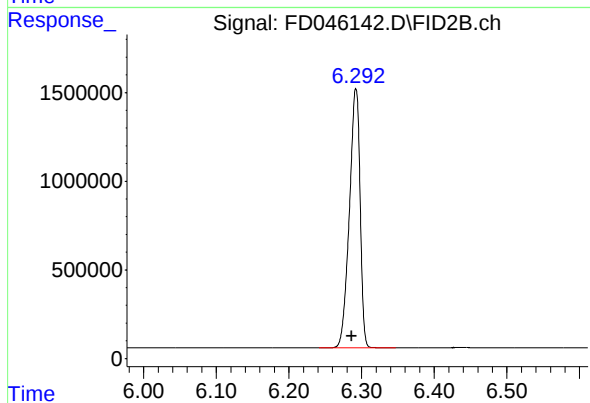
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: 0.005 min
Response: 14795453
Conc: 91.40 ug/ml



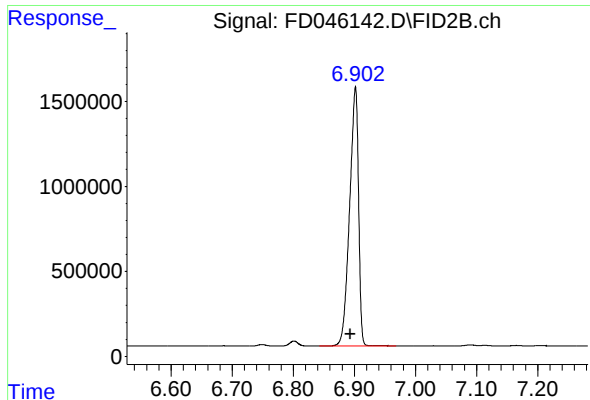
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: 0.007 min
Response: 16081725
Conc: 91.23 ug/ml



#4 n-Dodecane (C12)

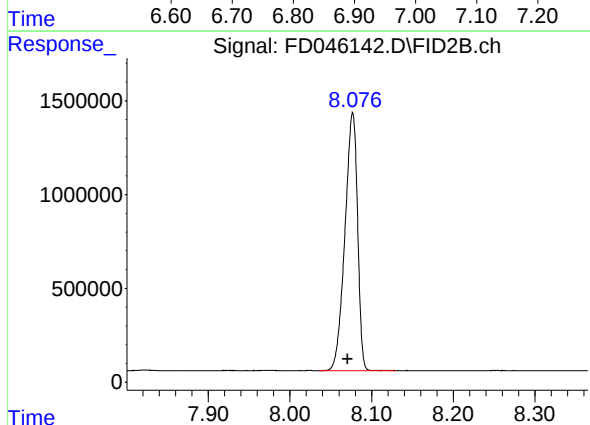
R.T.: 6.292 min
Delta R.T.: 0.006 min
Response: 14938948
Conc: 91.66 ug/ml



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

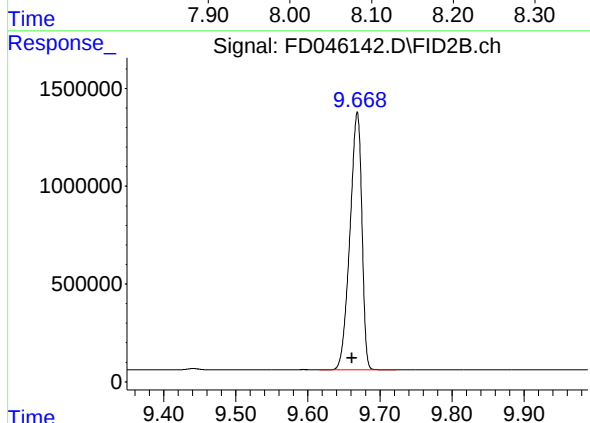
R.T.: 6.902 min
Delta R.T.: 0.008 min
Response: 15491590
Conc: 92.67 ug/ml

Instrument :
FID_D
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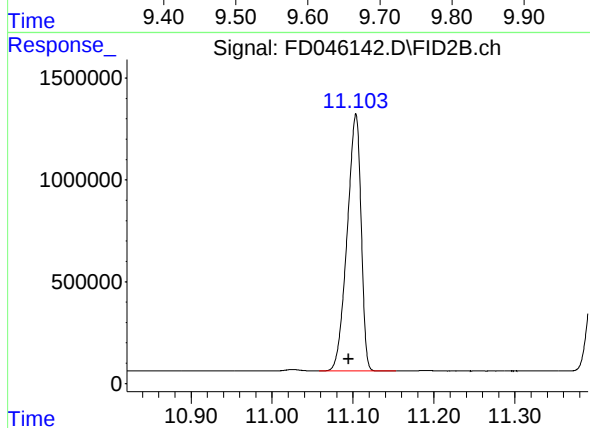
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.006 min
Response: 14784917
Conc: 91.99 ug/ml



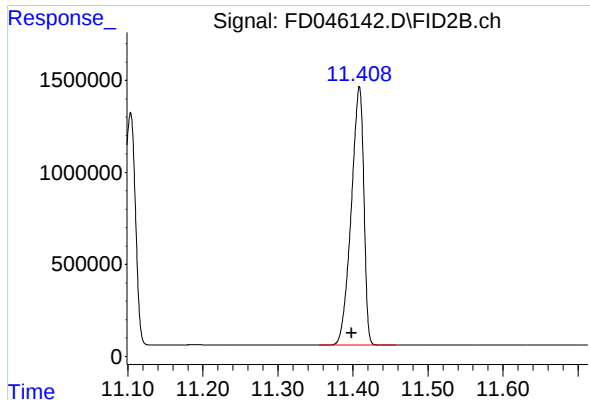
#7 n-Hexadecane (C16)

R.T.: 9.669 min
Delta R.T.: 0.007 min
Response: 15168673
Conc: 91.94 ug/ml



#8 n-Octadecane (C18)

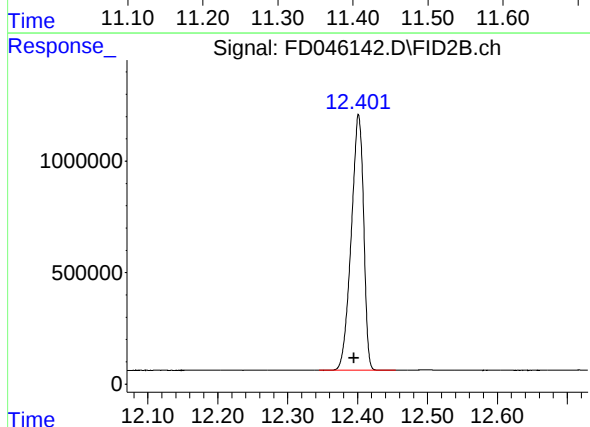
R.T.: 11.104 min
Delta R.T.: 0.009 min
Response: 15100662
Conc: 92.22 ug/ml



#9 ortho-Terphenyl (SURR)

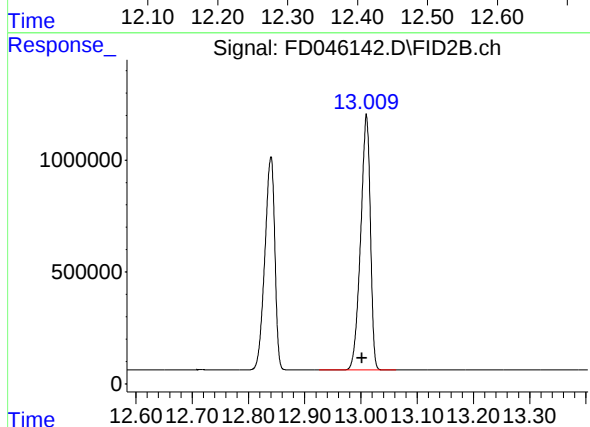
R.T.: 11.409 min
Delta R.T.: 0.010 min
Response: 16344678
Conc: 92.51 ug/ml

Instrument :
FID_D
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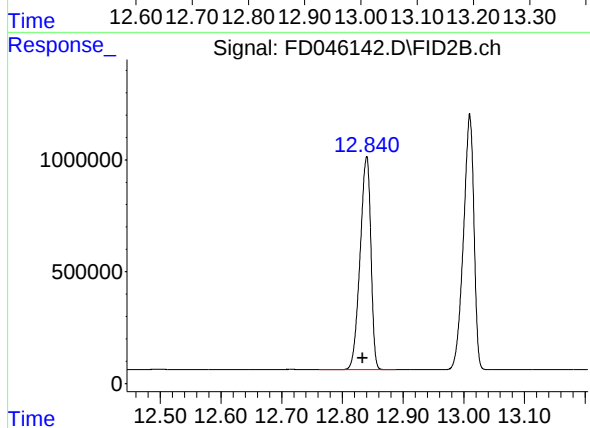
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.007 min
Response: 14119185
Conc: 93.21 ug/ml



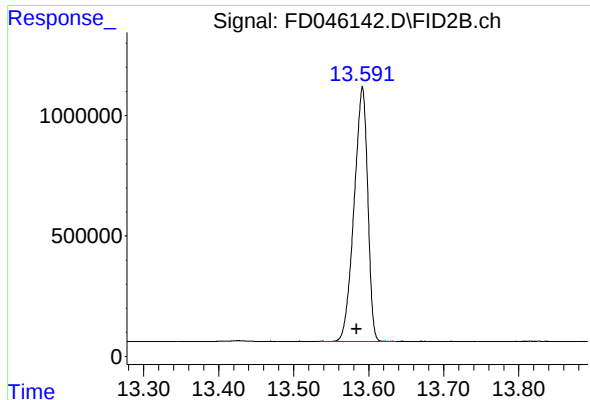
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: 0.008 min
Response: 13669759
Conc: 93.49 ug/ml



#12 1-chlorooctadecane (SURR)

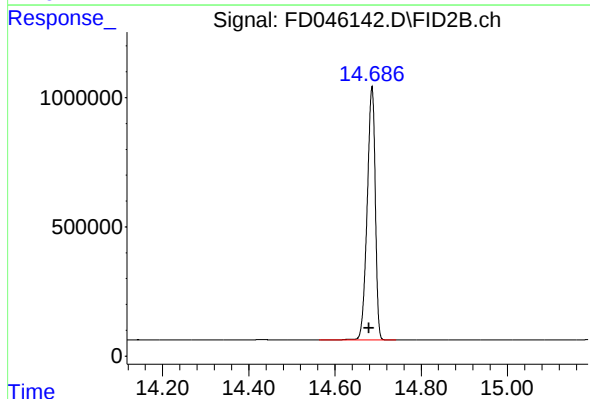
R.T.: 12.840 min
Delta R.T.: 0.007 min
Response: 11744366
Conc: 96.17 ug/ml



#13 n-Docosane (C22)

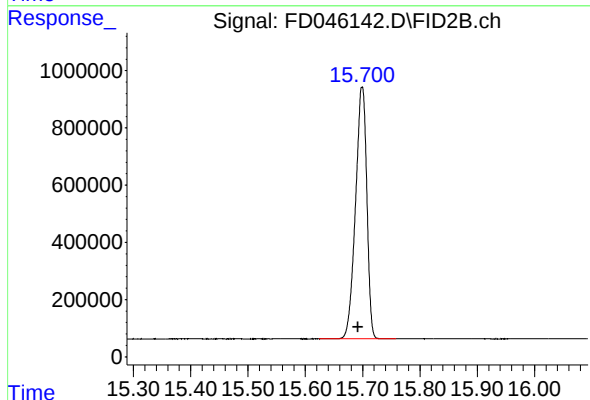
R.T.: 13.592 min
Delta R.T.: 0.008 min
Response: 13328244
Conc: 94.03 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



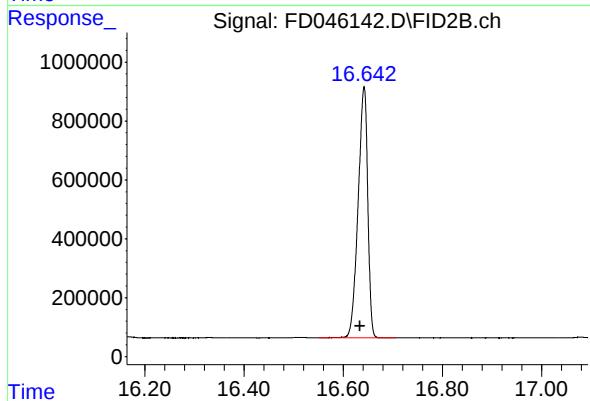
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: 0.007 min
Response: 12793415
Conc: 92.65 ug/ml



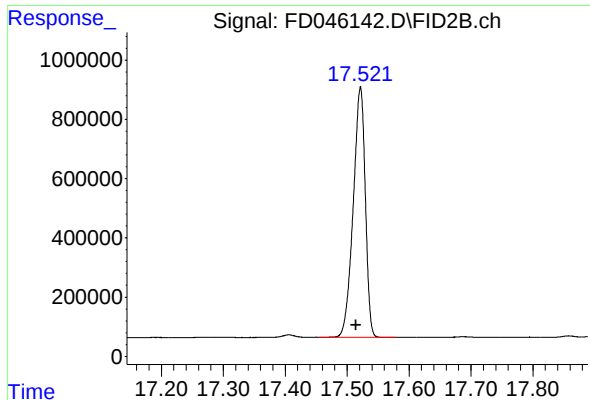
#15 n-Hexacosane (C26)

R.T.: 15.699 min
Delta R.T.: 0.007 min
Response: 12059514
Conc: 93.76 ug/ml



#16 n-Octacosane (C28)

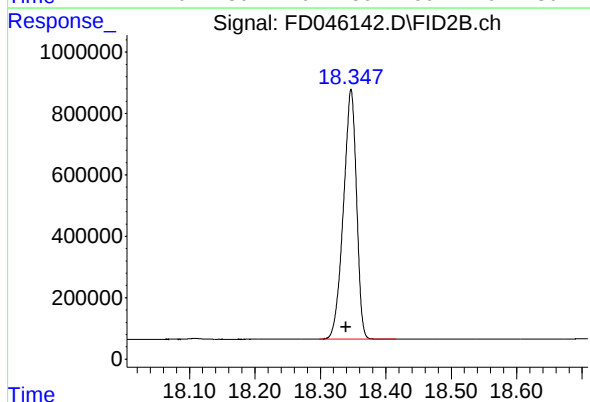
R.T.: 16.642 min
Delta R.T.: 0.008 min
Response: 11485334
Conc: 93.34 ug/ml



#17 n-Tricontane (C30)

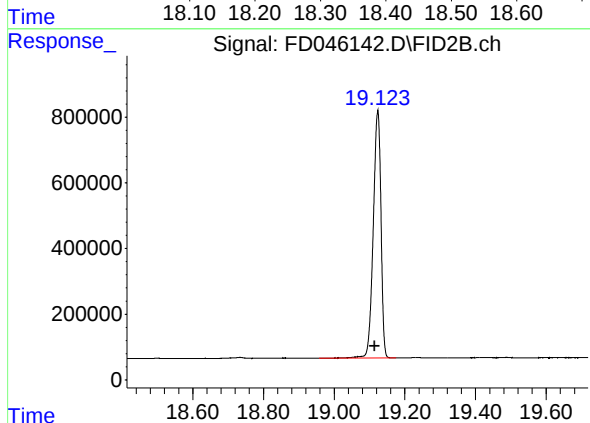
R.T.: 17.522 min
Delta R.T.: 0.007 min
Response: 11446100
Conc: 91.29 ug/ml

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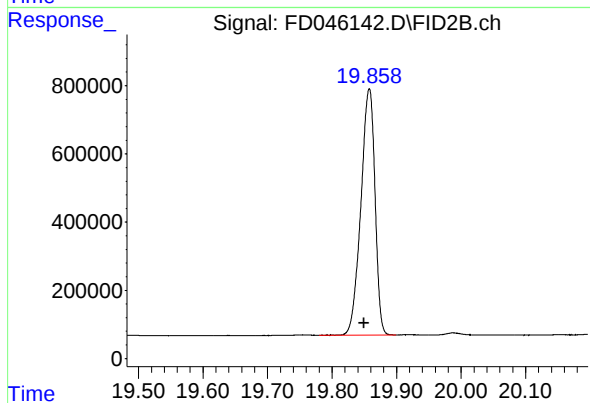
#18 n-Dotriacontane (C32)

R.T.: 18.347 min
Delta R.T.: 0.008 min
Response: 11301829
Conc: 91.53 ug/ml



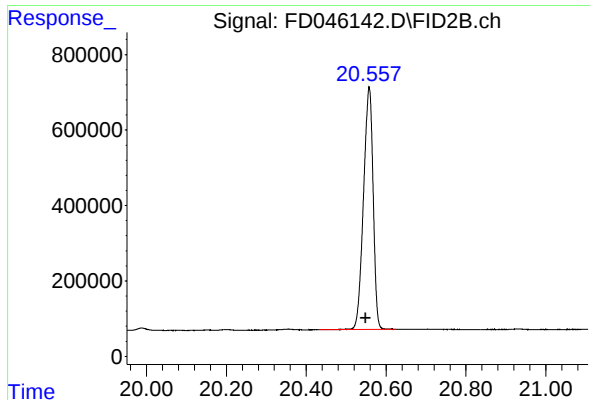
#19 n-Tetatriacontane (C34)

R.T.: 19.124 min
Delta R.T.: 0.009 min
Response: 11443563
Conc: 88.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: 0.008 min
Response: 10961785
Conc: 94.97 ug/ml



#21 n-Octatriacontane (C38)

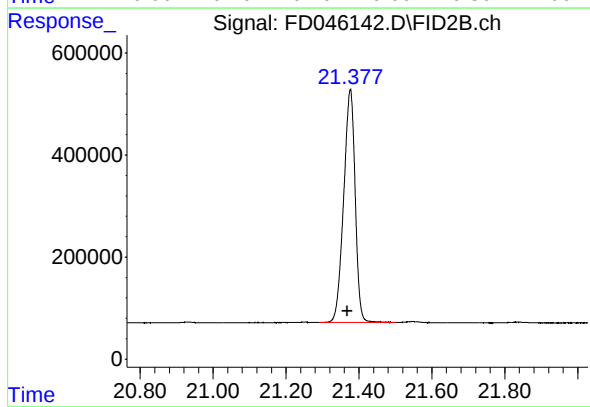
R.T.: 20.558 min
Delta R.T.: 0.008 min
Response: 10734528
Conc: 96.08 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.376 min
Delta R.T.: 0.008 min
Response: 9991942
Conc: 93.54 ug/ml