

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013829.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 19:41
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 12 06:31:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:31:25 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)	11.882	13742131	95.709 ug/ml
Spiked Amount 50.000		Recovery =	191.42%
12) S 1-chlorooctadecane (S...	13.319	10227988	96.896 ug/ml
Spiked Amount 50.000		Recovery =	193.79%
Target Compounds			
1) T n-Nonane (C9)	3.271	11171142	95.439 ug/ml
2) T n-Decane (C10)	4.522	11332029	95.606 ug/ml
3) T A~Naphthalene (C11.7)	6.220	12404773	96.716 ug/ml
4) T n-Dodecane (C12)	6.686	11475981	95.828 ug/ml
5) T A~2-methylnaphthalene...	7.316	12232428	97.438 ug/ml
6) T n-Tetradecane (C14)	8.513	11349393	96.095 ug/ml
7) T n-Hexadecane (C16)	10.121	11535495	96.106 ug/ml
8) T n-Octadecane (C18)	11.566	11601245	96.172 ug/ml
10) T n-Eicosane (C20)	12.874	11295939	96.121 ug/ml
11) T n-Heneicosane (C21)	13.487	11122938	96.237 ug/ml
13) T n-Docosane (C22)	14.073	10987050	96.265 ug/ml
14) T n-Tetracosane (C24)	15.178	10776170	96.246 ug/ml
15) T n-Hexacosane (C26)	16.200	10473261	96.019 ug/ml
16) T n-Octacosane (C28)	17.152	10154421	95.752 ug/ml
17) T n-Tricontane (C30)	18.040	10128670	95.291 ug/ml
18) T n-Dotriacontane (C32)	18.873	9994781	94.367 ug/ml
19) T n-Tetratriacontane (C34)	19.658	9807432	94.811 ug/ml
20) T n-Hexatriacontane (C36)	20.397	9845407	92.082 ug/ml
21) T n-Octatriacontane (C38)	21.128	9976051	94.795 ug/ml
22) T n-Tetracontane (C40)	22.022	10311711	94.510 ug/ml

(f)=RT Delta > 1/2 Window

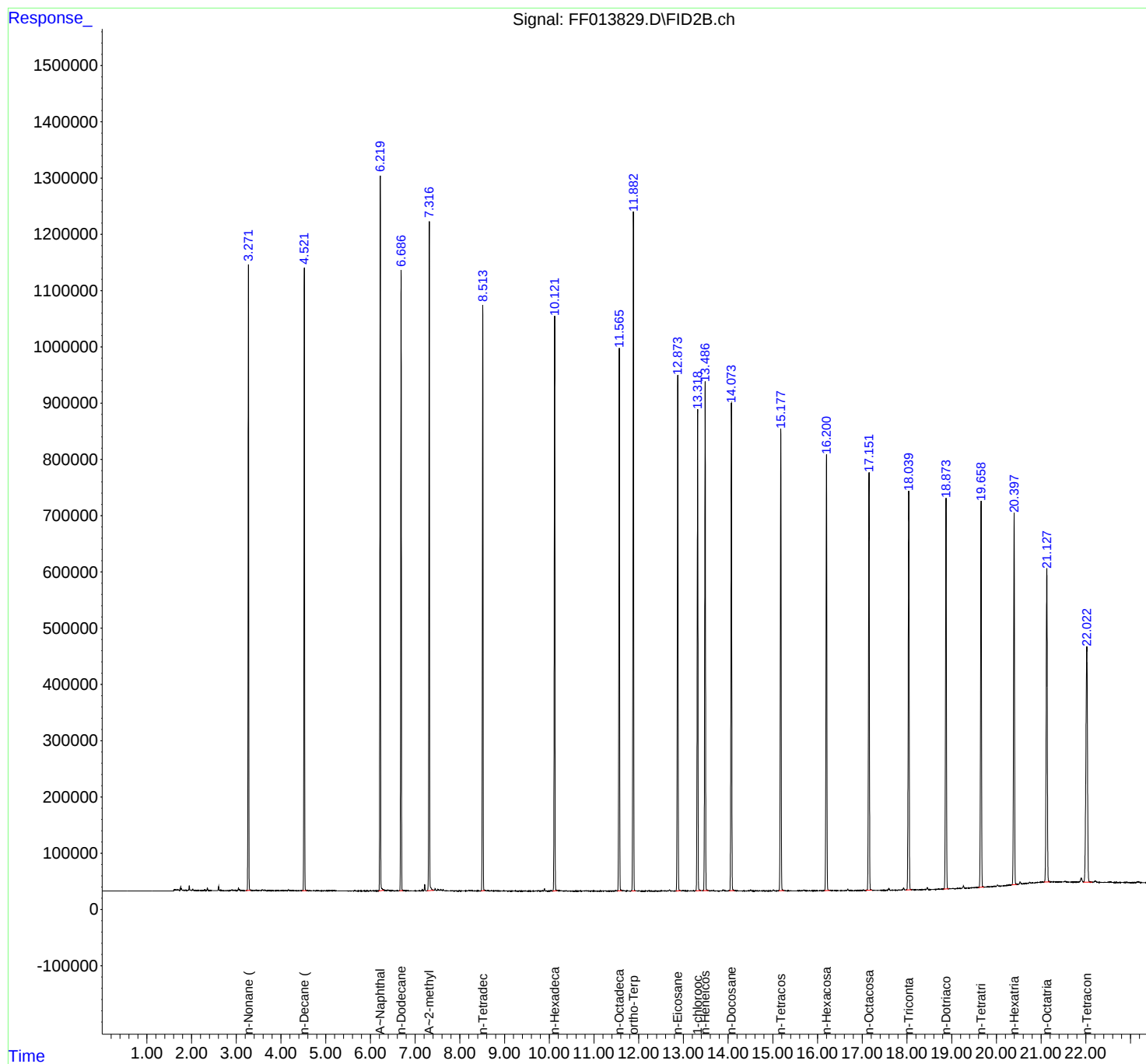
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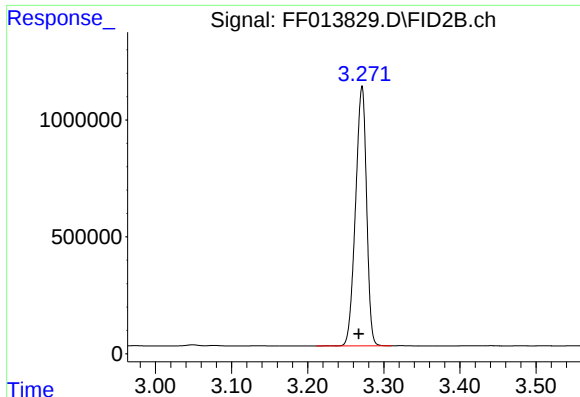
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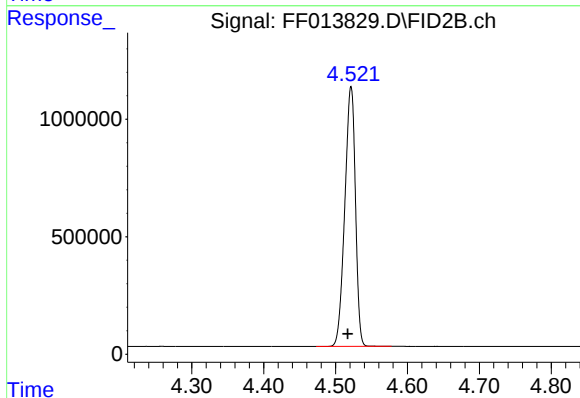




#1 n-Nonane (C9)

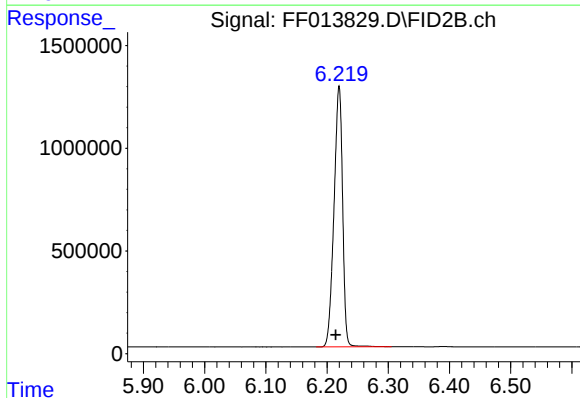
R.T.: 3.271 min
Delta R.T.: 0.004 min
Response: 11171142
Conc: 95.44 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



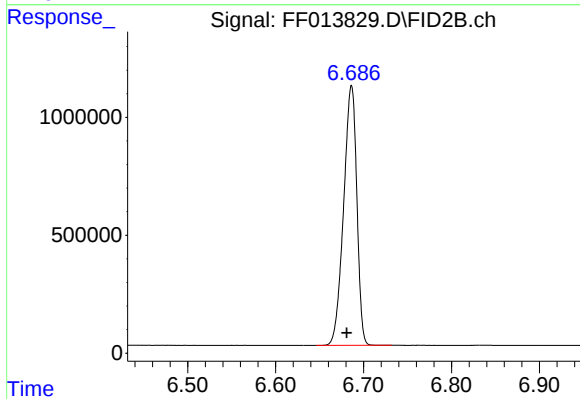
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.004 min
Response: 11332029
Conc: 95.61 ug/ml



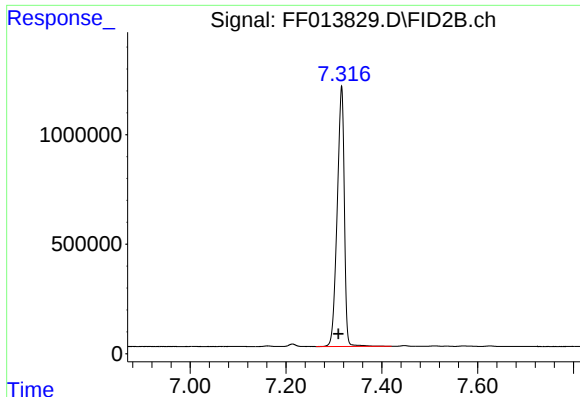
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: 0.005 min
Response: 12404773
Conc: 96.72 ug/ml



#4 n-Dodecane (C12)

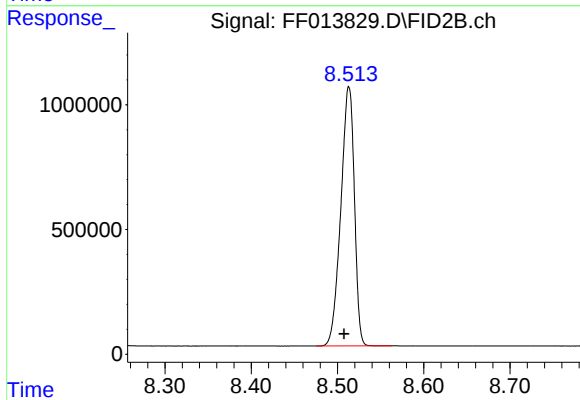
R.T.: 6.686 min
Delta R.T.: 0.005 min
Response: 11475981
Conc: 95.83 ug/ml



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

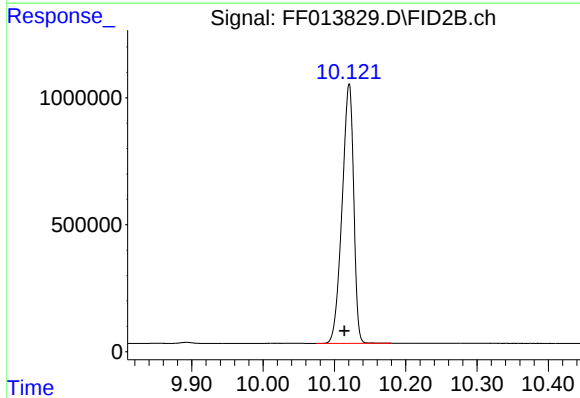
R.T.: 7.316 min
Delta R.T.: 0.007 min
Response: 12232428
Conc: 97.44 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



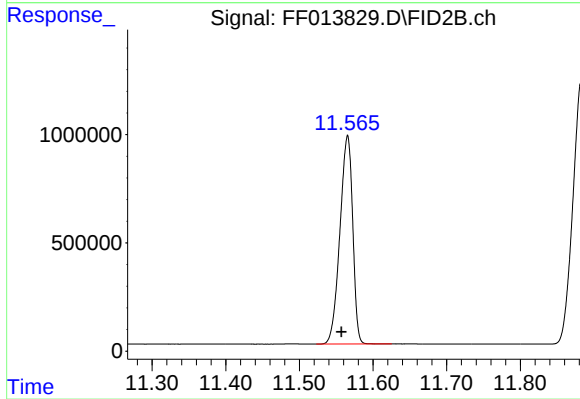
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.006 min
Response: 11349393
Conc: 96.09 ug/ml



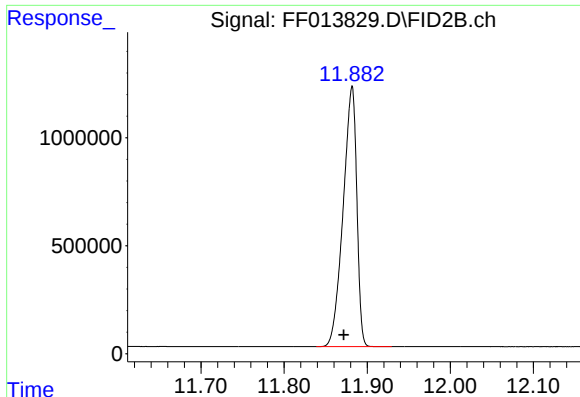
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.007 min
Response: 11535495
Conc: 96.11 ug/ml



#8 n-Octadecane (C18)

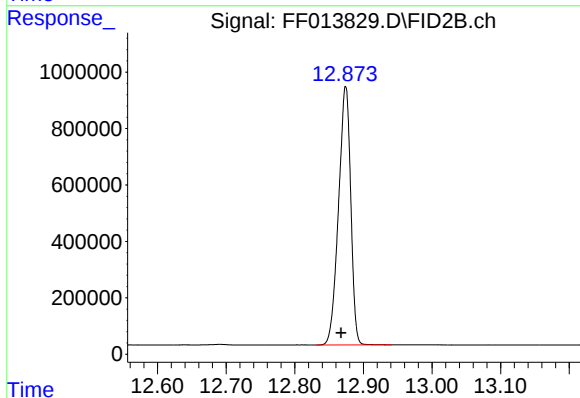
R.T.: 11.566 min
Delta R.T.: 0.008 min
Response: 11601245
Conc: 96.17 ug/ml



#9 ortho-Terphenyl (SURR)

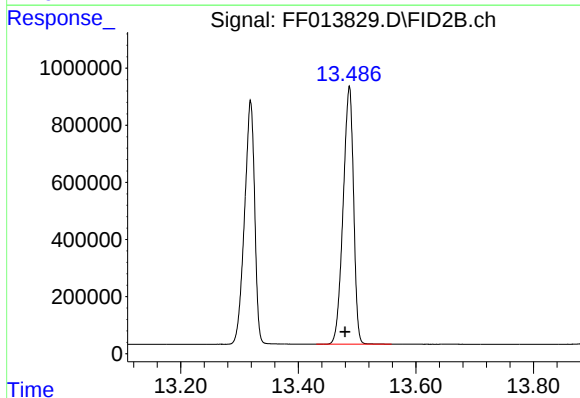
R.T.: 11.882 min
Delta R.T.: 0.010 min
Response: 13742131
Conc: 95.71 ug/ml

Instrument :
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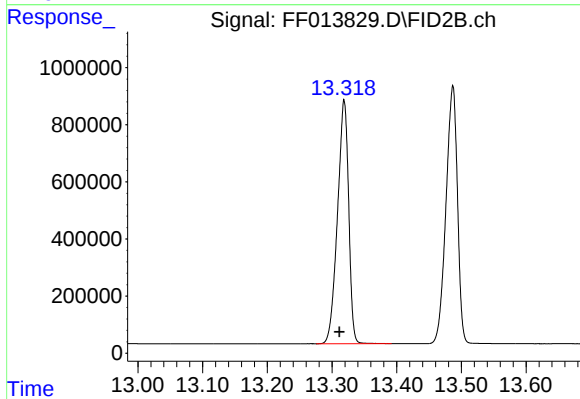
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 11295939
Conc: 96.12 ug/ml



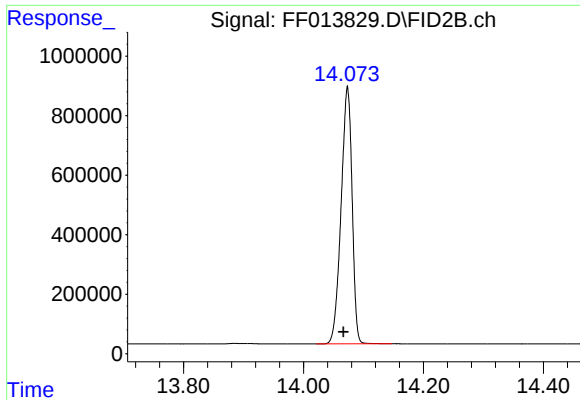
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.007 min
Response: 11122938
Conc: 96.24 ug/ml



#12 1-chlorooctadecane (SURR)

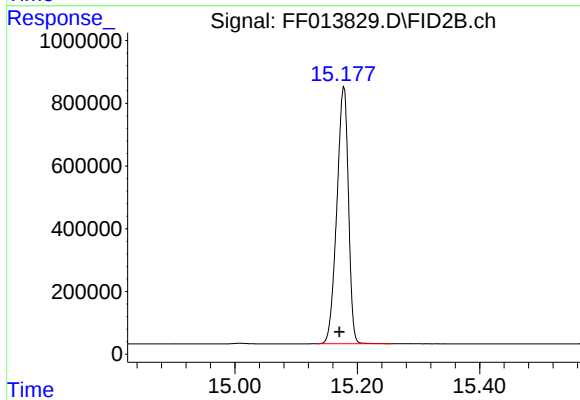
R.T.: 13.319 min
Delta R.T.: 0.008 min
Response: 10227988
Conc: 96.90 ug/ml



#13 n-Docosane (C22)

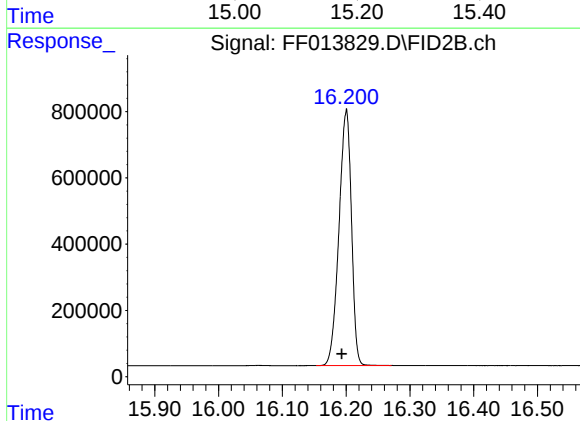
R.T.: 14.073 min
Delta R.T.: 0.007 min
Response: 10987050
Conc: 96.27 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



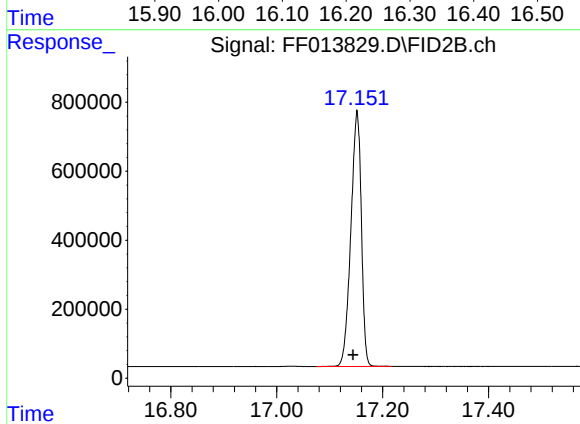
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: 0.007 min
Response: 10776170
Conc: 96.25 ug/ml



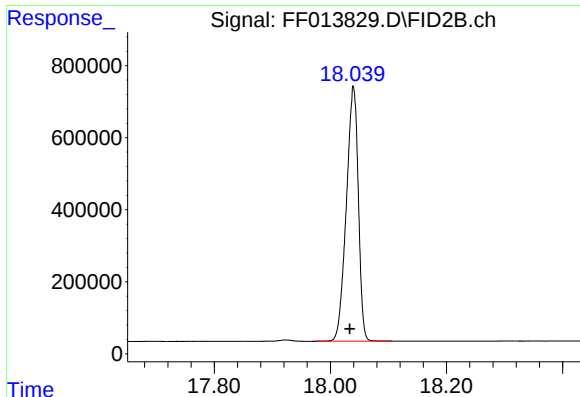
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.007 min
Response: 10473261
Conc: 96.02 ug/ml



#16 n-Octacosane (C28)

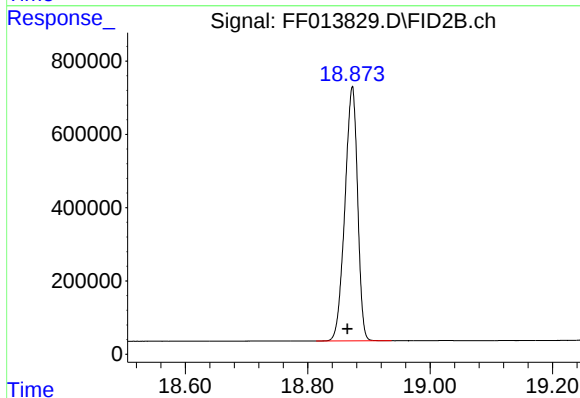
R.T.: 17.152 min
Delta R.T.: 0.008 min
Response: 10154421
Conc: 95.75 ug/ml



#17 n-Tricontane (C30)

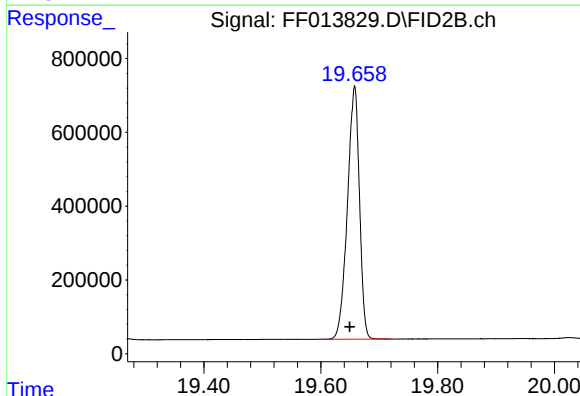
R.T.: 18.040 min
Delta R.T.: 0.006 min
Response: 10128670
Conc: 95.29 ug/ml

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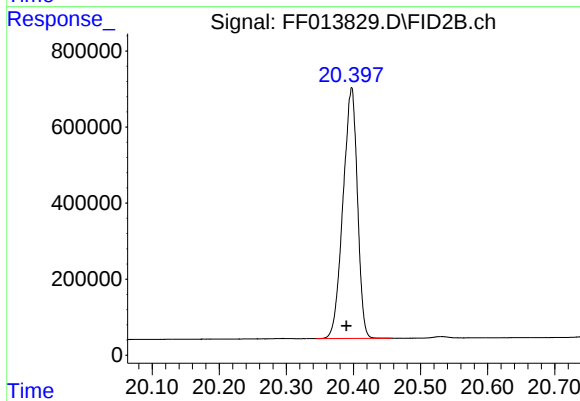
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.008 min
Response: 9994781
Conc: 94.37 ug/ml



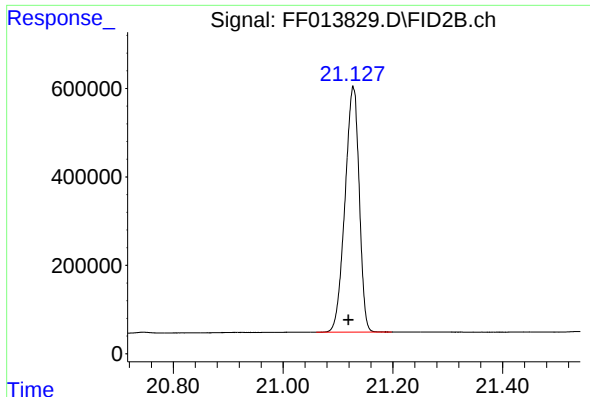
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: 0.009 min
Response: 9807432
Conc: 94.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: 0.008 min
Response: 9845407
Conc: 92.08 ug/ml



#21 n-Octatriacontane (C38)

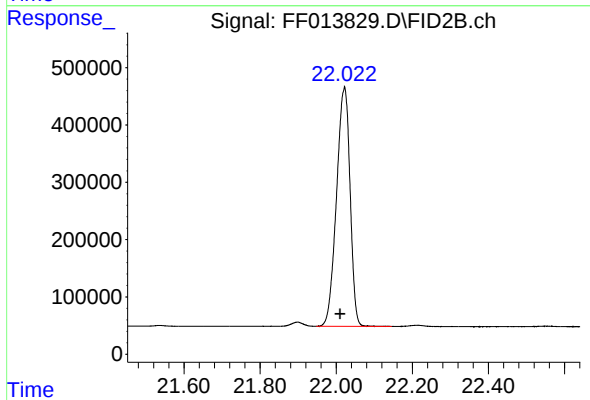
R.T.: 21.128 min
Delta R.T.: 0.009 min
Response: 9976051
Conc: 94.79 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.012 min
Response: 10311711
Conc: 94.51 ug/ml