

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110723AL\
 Data File : FF013711.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 09:47
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 07 11:06:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 07 11:03:17 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	16223776	92.001 ug/ml
Spiked Amount 50.000		Recovery =	184.00%
12) S 1-chlorooctadecane (S...	13.318	12187713	92.681 ug/ml
Spiked Amount 50.000		Recovery =	185.36%
Target Compounds			
1) T n-Nonane (C9)	3.274	12757090	92.687 ug/ml
2) T n-Decane (C10)	4.524	13041542	92.400 ug/ml
3) T A~Naphthalene (C11.7)	6.221	14379240	93.699 ug/ml
4) T n-Dodecane (C12)	6.688	13251869	92.327 ug/ml
5) T A~2-methylnaphthalene...	7.317	14208342	93.991 ug/ml
6) T n-Tetradecane (C14)	8.514	13152012	92.552 ug/ml
7) T n-Hexadecane (C16)	10.120	13448606	92.751 ug/ml
8) T n-Octadecane (C18)	11.566	13643863	92.585 ug/ml
10) T n-Eicosane (C20)	12.874	13434963	92.343 ug/ml
11) T n-Heneicosane (C21)	13.487	13251590	92.376 ug/ml
13) T n-Docosane (C22)	14.073	13227985	92.670 ug/ml
14) T n-Tetracosane (C24)	15.176	13228216	92.942 ug/ml
15) T n-Hexacosane (C26)	16.199	12934204	92.116 ug/ml
16) T n-Octacosane (C28)	17.149	12594672	91.951 ug/ml
17) T n-Tricontane (C30)	18.036	12462669	90.830 ug/ml
18) T n-Dotriacontane (C32)	18.869	12155163	90.153 ug/ml
19) T n-Tetratriacontane (C34)	19.653	11591286	90.961 ug/ml
20) T n-Hexatriacontane (C36)	20.390	11332763	90.380 ug/ml
21) T n-Octatriacontane (C38)	21.121	11124301	90.921 ug/ml
22) T n-Tetracontane (C40)	22.013	11185977	90.152 ug/ml

(f)=RT Delta > 1/2 Window

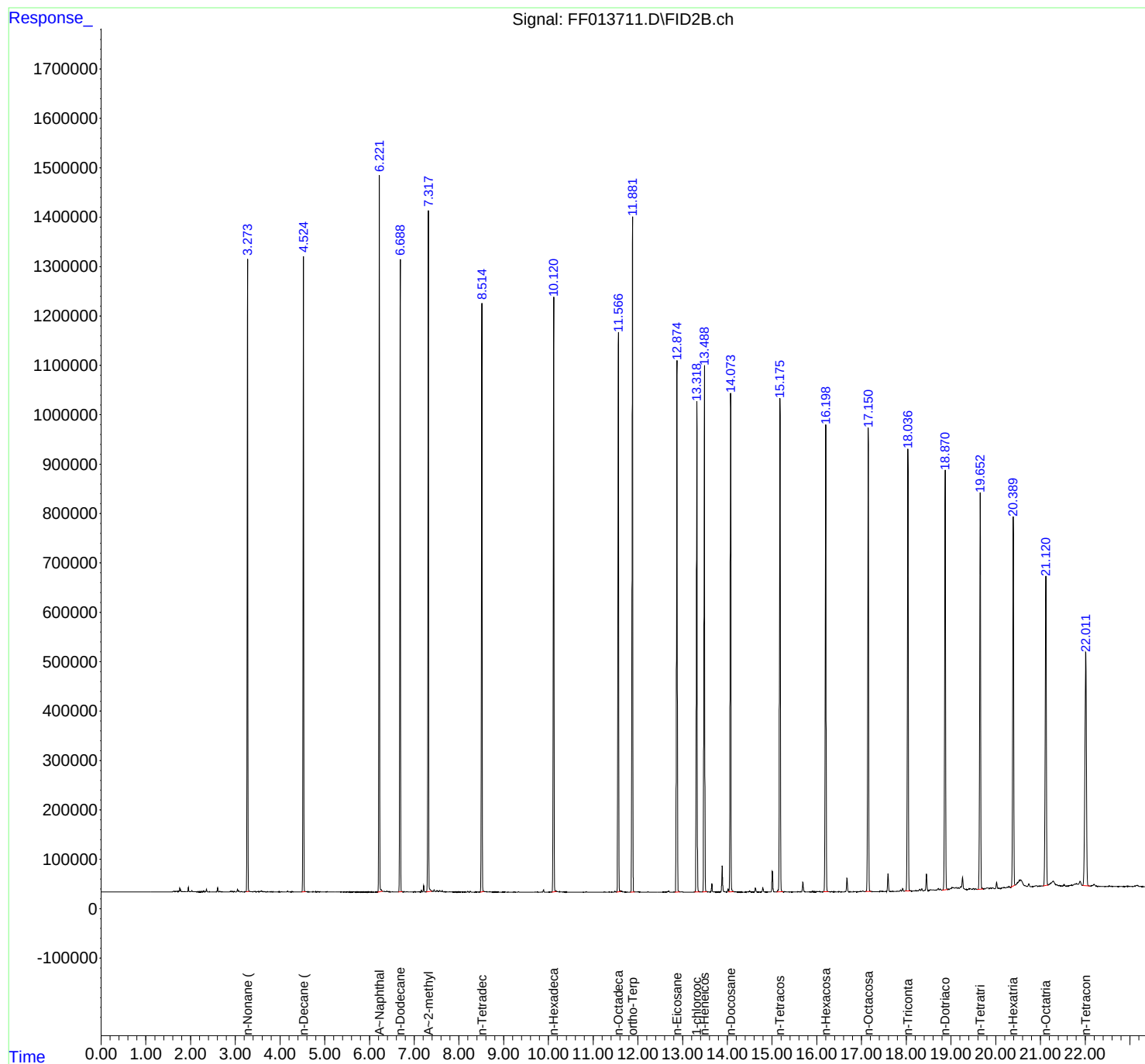
(m)=manual int.

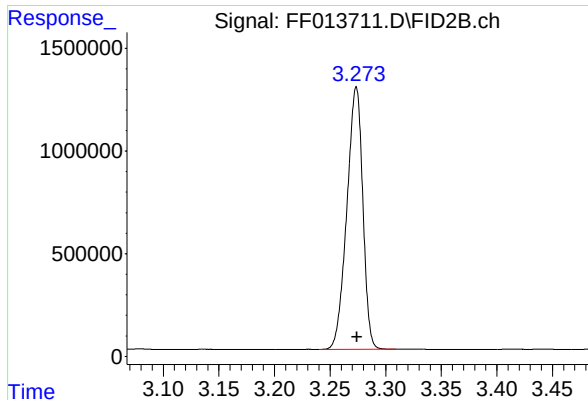
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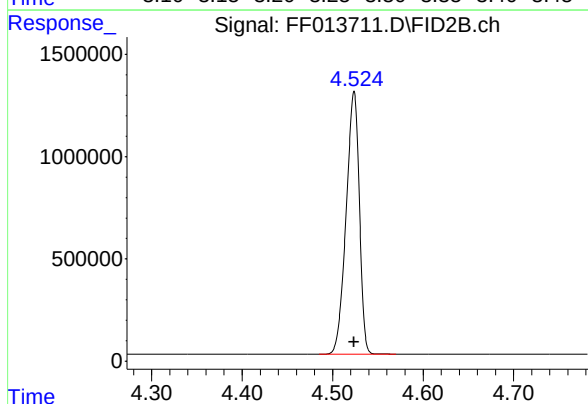




#1 n-Nonane (C9)

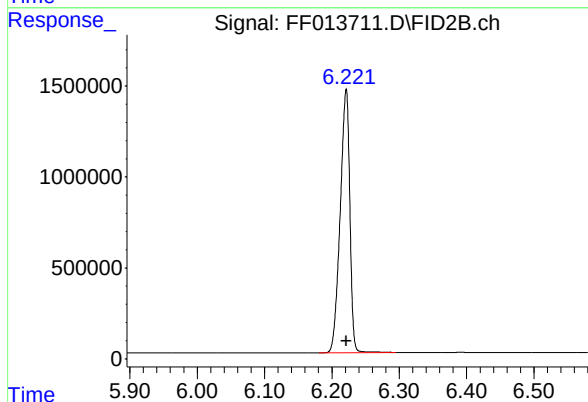
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 12757090
Conc: 92.69 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



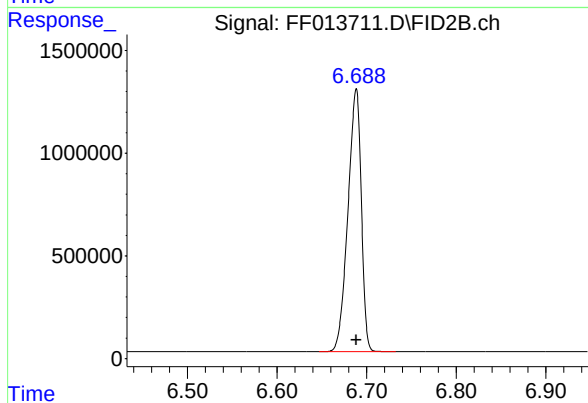
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 13041542
Conc: 92.40 ug/ml



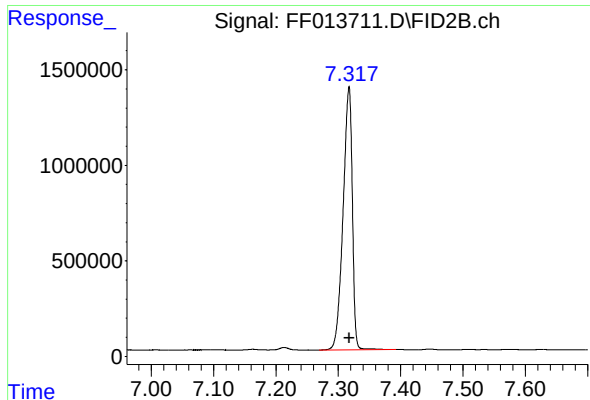
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 14379240
Conc: 93.70 ug/ml



#4 n-Dodecane (C12)

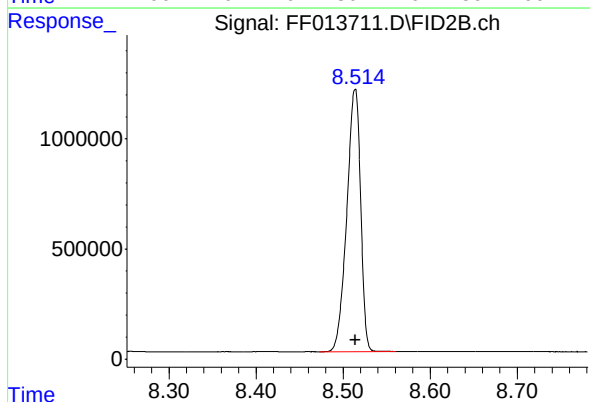
R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 13251869
Conc: 92.33 ug/ml



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

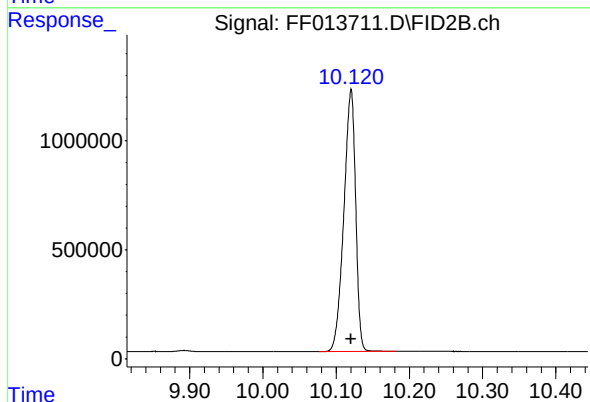
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 14208342
Conc: 93.99 ug/ml

Instrument :
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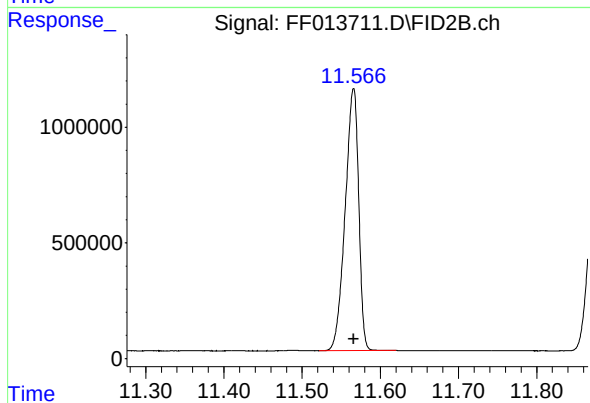
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 13152012
Conc: 92.55 ug/ml



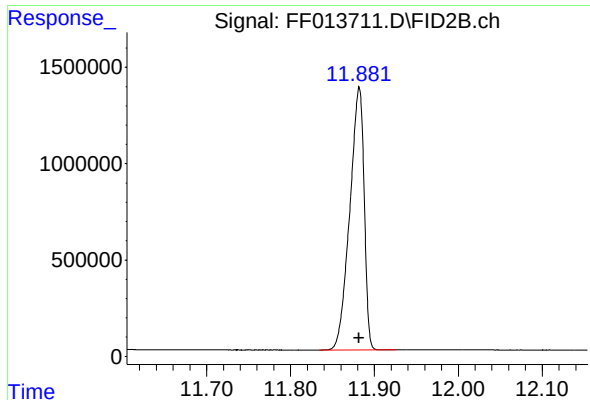
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 13448606
Conc: 92.75 ug/ml



#8 n-Octadecane (C18)

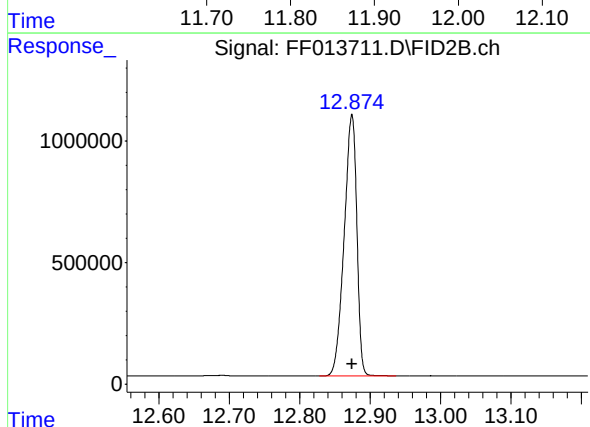
R.T.: 11.566 min
Delta R.T.: 0.000 min
Response: 13643863
Conc: 92.59 ug/ml



#9 ortho-Terphenyl (SURR)

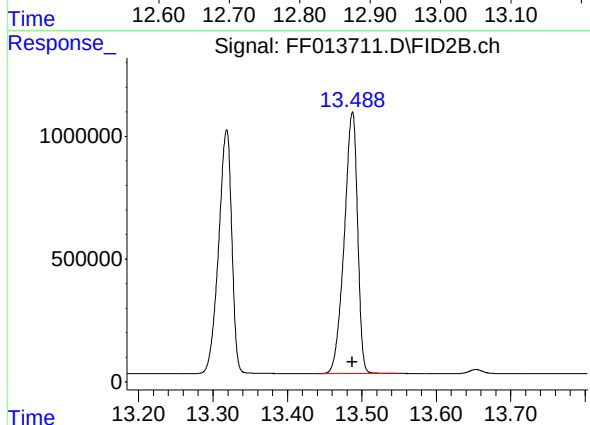
R.T.: 11.882 min
Delta R.T.: 0.000 min
Response: 16223776
Conc: 92.00 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



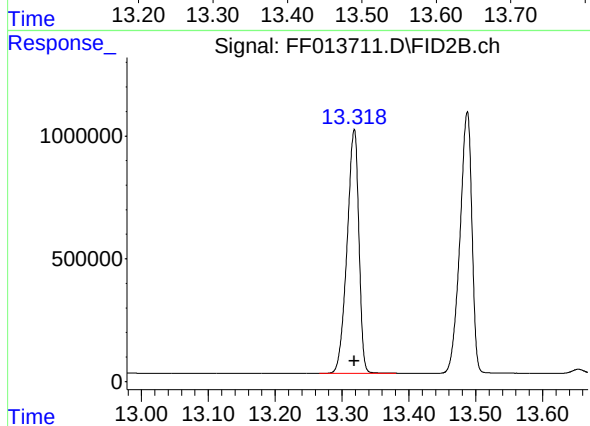
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 13434963
Conc: 92.34 ug/ml



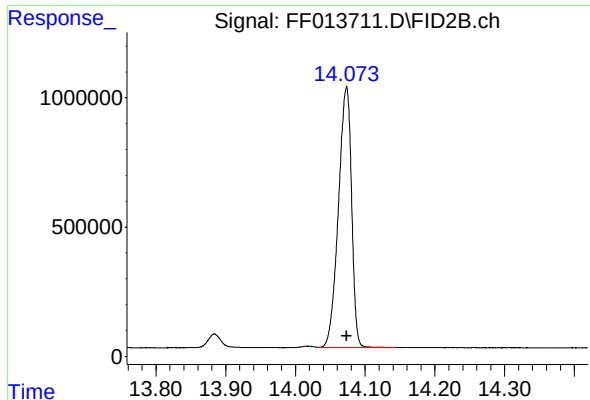
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.000 min
Response: 13251590
Conc: 92.38 ug/ml



#12 1-chlorooctadecane (SURR)

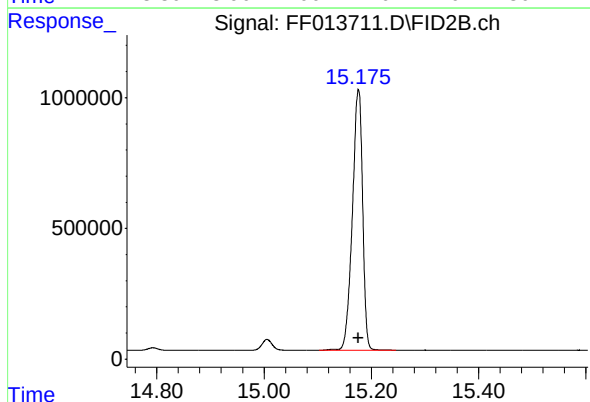
R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 12187713
Conc: 92.68 ug/ml



#13 n-Docosane (C22)

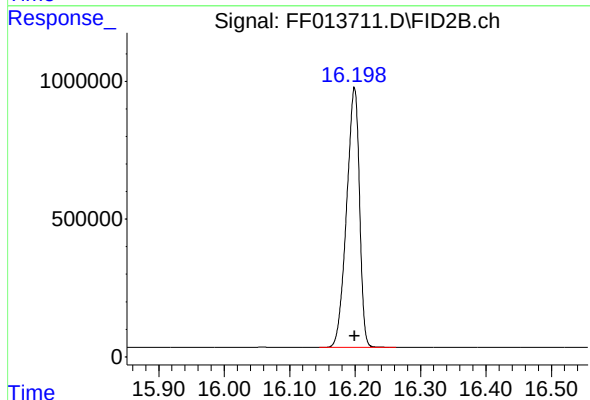
R.T.: 14.073 min
Delta R.T.: 0.000 min
Response: 13227985
Conc: 92.67 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



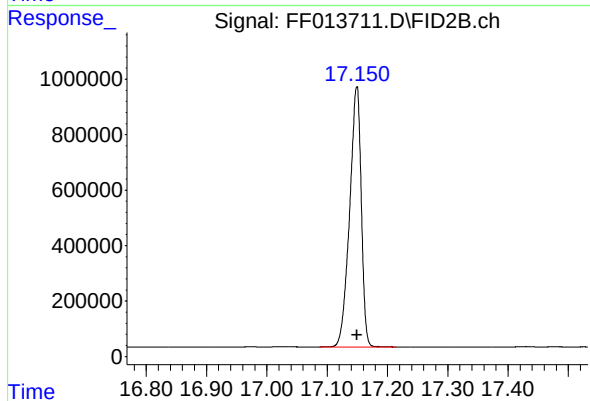
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 13228216
Conc: 92.94 ug/ml



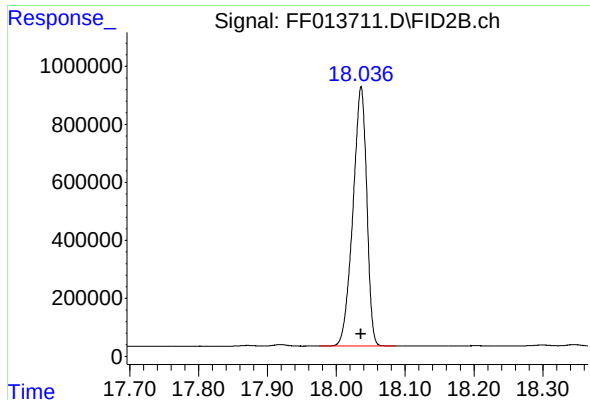
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.000 min
Response: 12934204
Conc: 92.12 ug/ml



#16 n-Octacosane (C28)

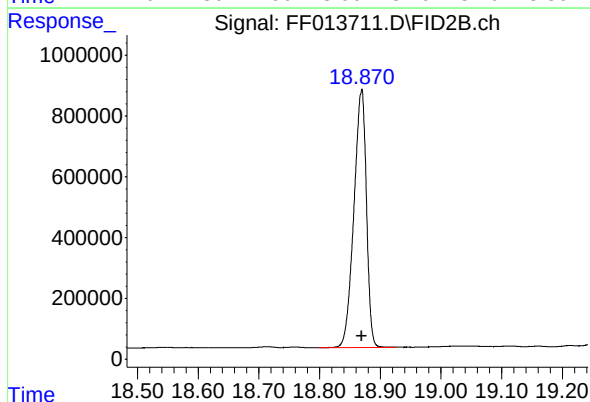
R.T.: 17.149 min
Delta R.T.: 0.000 min
Response: 12594672
Conc: 91.95 ug/ml



#17 n-Tricontane (C30)

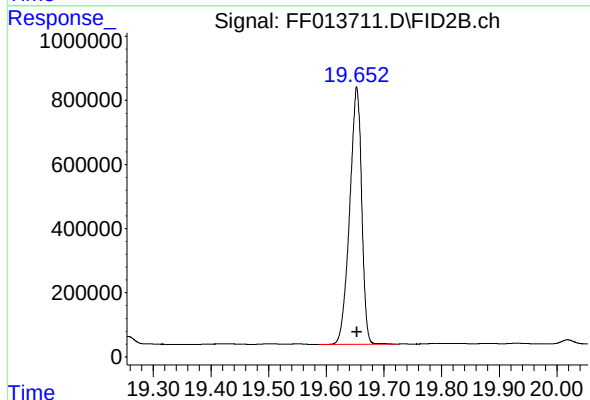
R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 12462669
Conc: 90.83 ug/ml

Instrument :
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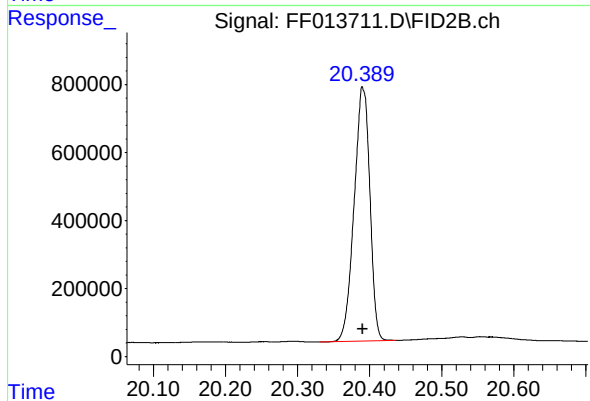
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.000 min
Response: 12155163
Conc: 90.15 ug/ml



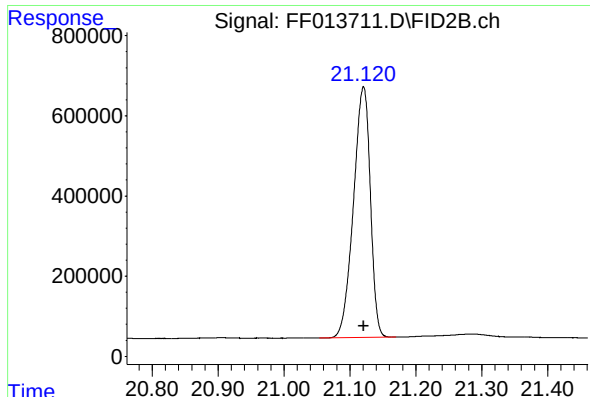
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.000 min
Response: 11591286
Conc: 90.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: 0.000 min
Response: 11332763
Conc: 90.38 ug/ml



#21 n-Octatriacontane (C38)

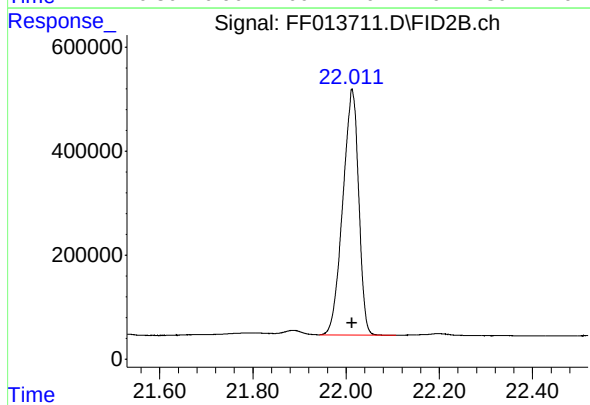
R.T.: 21.121 min
Delta R.T.: 0.000 min
Response: 11124301
Conc: 90.92 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.000 min
Response: 11185977
Conc: 90.15 ug/ml