

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AL\
 Data File : FF016527.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 22:26
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 03 04:46:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:46:15 2025
 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)	11.977	14030584	101.769 ug/ml
Spiked Amount 50.000		Recovery =	203.54%
12) S 1-chlorooctadecane (S...	13.415	10961599	102.016 ug/ml
Spiked Amount 50.000		Recovery =	204.03%
Target Compounds			
1) T n-Nonane (C9)	3.326	11417174	101.540 ug/ml
2) T n-Decane (C10)	4.588	11671147	102.001 ug/ml
3) T A~Naphthalene (C11.7)	6.299	12843546	103.463 ug/ml
4) T n-Dodecane (C12)	6.766	11868780	102.441 ug/ml
5) T A~2-methylnaphthalene...	7.400	12507410	104.010 ug/ml
6) T n-Tetradecane (C14)	8.600	11898444	103.273 ug/ml
7) T n-Hexadecane (C16)	10.210	12423692	102.707 ug/ml
8) T n-Octadecane (C18)	11.658	12734068	102.380 ug/ml
10) T n-Eicosane (C20)	12.969	12475462	101.757 ug/ml
11) T n-Heneicosane (C21)	13.583	12368124	101.871 ug/ml
13) T n-Docosane (C22)	14.171	12389494	102.046 ug/ml
14) T n-Tetracosane (C24)	15.277	12470461	101.917 ug/ml
15) T n-Hexacosane (C26)	16.302	12221904	101.734 ug/ml
16) T n-Octacosane (C28)	17.255	11834377	101.871 ug/ml
17) T n-Tricontane (C30)	18.146	11829122	102.076 ug/ml
18) T n-Dotriacontane (C32)	18.982	11226852	101.574 ug/ml
19) T n-Tetratriacontane (C34)	19.768	10154575	101.899 ug/ml
20) T n-Hexatriacontane (C36)	20.510	8839021	100.956 ug/ml
21) T n-Octatriacontane (C38)	21.270	8104403	101.084 ug/ml
22) T n-Tetracontane (C40)	22.219	7790683	102.574 ug/ml

(f)=RT Delta > 1/2 Window

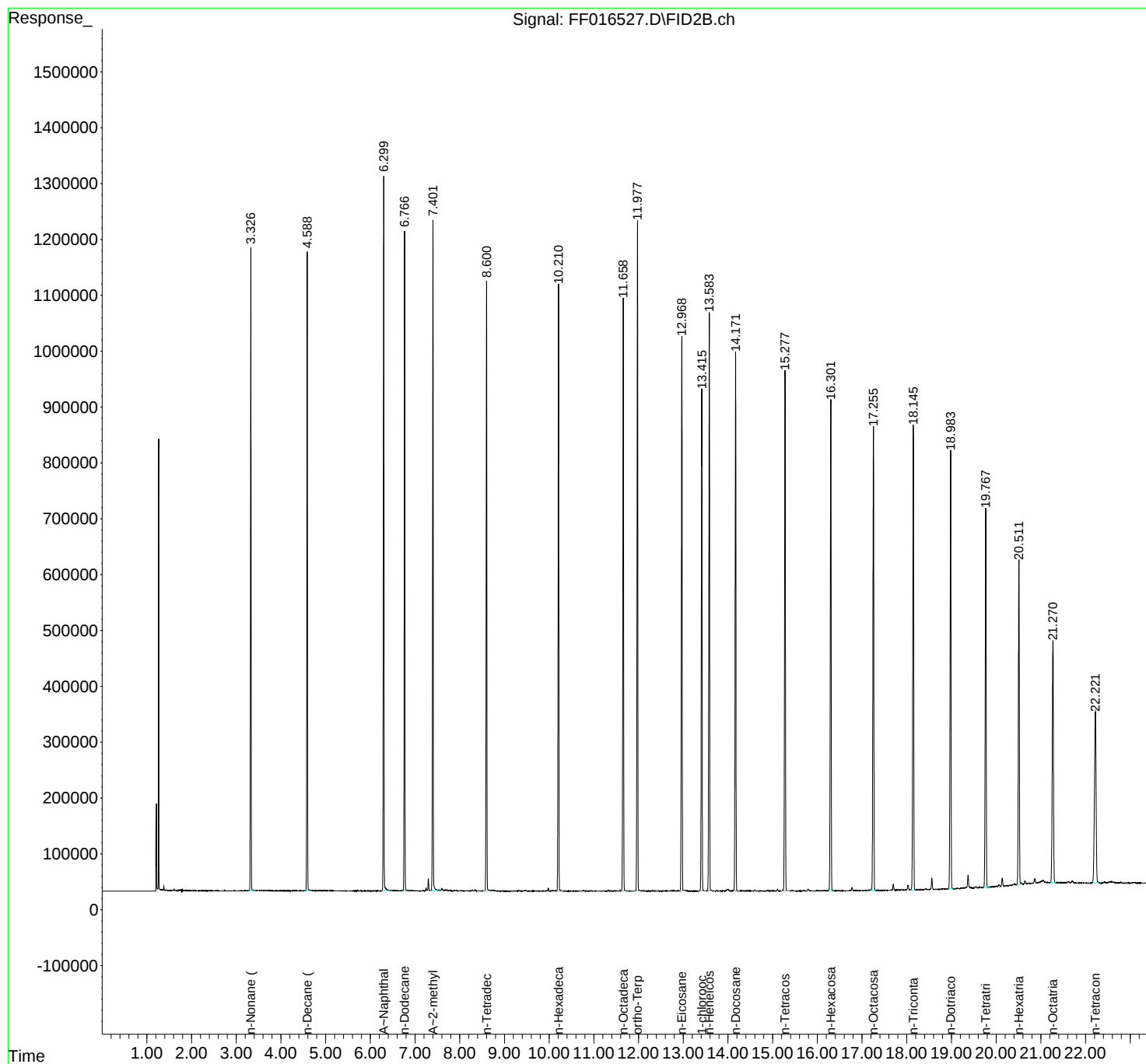
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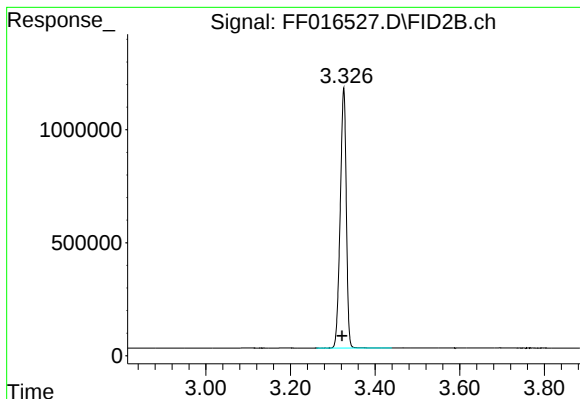
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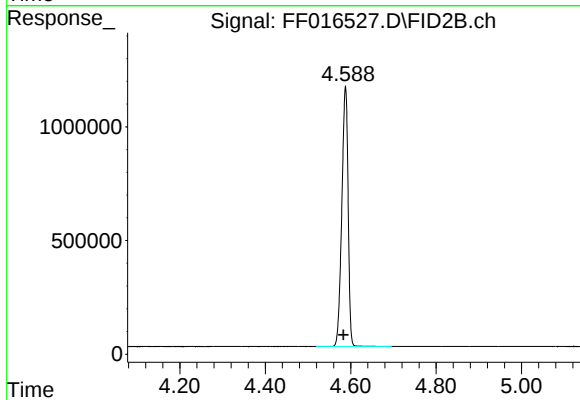




#1 n-Nonane (C9)

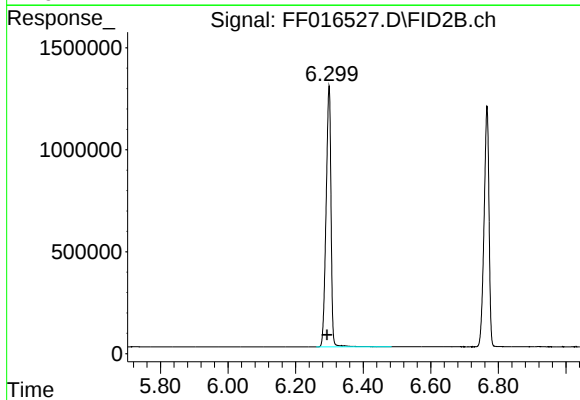
R.T.: 3.326 min
Delta R.T.: 0.004 min
Response: 11417174
Conc: 101.54 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



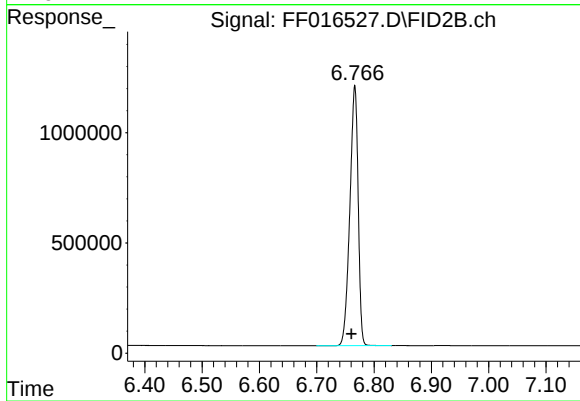
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 11671147
Conc: 102.00 ug/ml



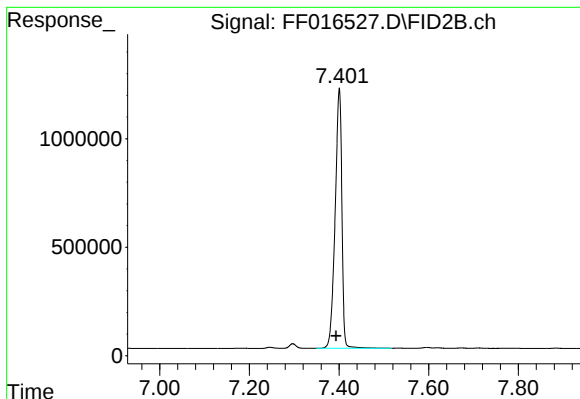
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: 0.006 min
Response: 12843546
Conc: 103.46 ug/ml



#4 n-Dodecane (C12)

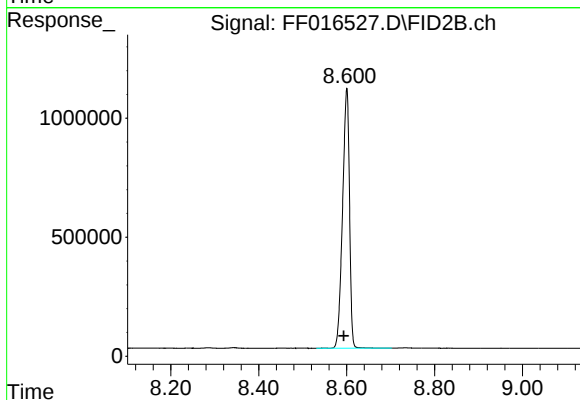
R.T.: 6.766 min
Delta R.T.: 0.006 min
Response: 11868780
Conc: 102.44 ug/ml



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

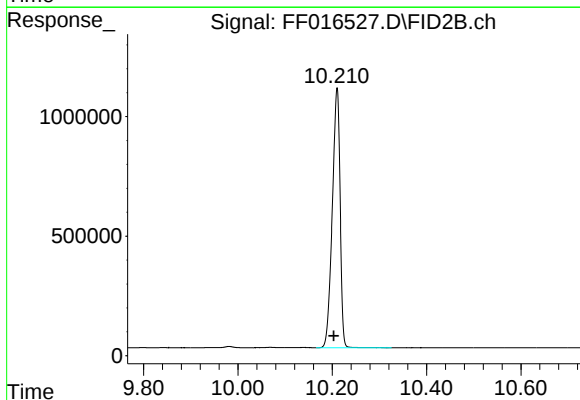
R.T.: 7.400 min
Delta R.T.: 0.007 min
Response: 12507410
Conc: 104.01 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



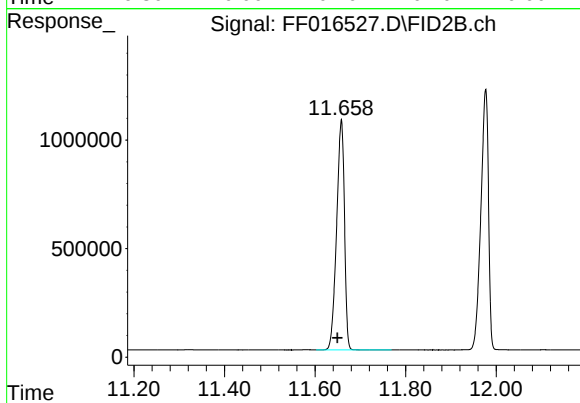
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.007 min
Response: 11898444
Conc: 103.27 ug/ml



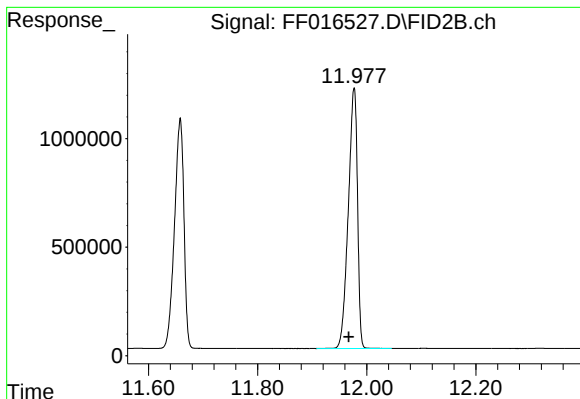
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.007 min
Response: 12423692
Conc: 102.71 ug/ml



#8 n-Octadecane (C18)

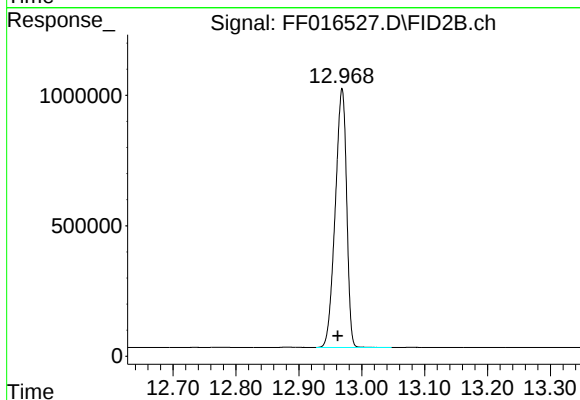
R.T.: 11.658 min
Delta R.T.: 0.008 min
Response: 12734068
Conc: 102.38 ug/ml



#9 ortho-Terphenyl (SURR)

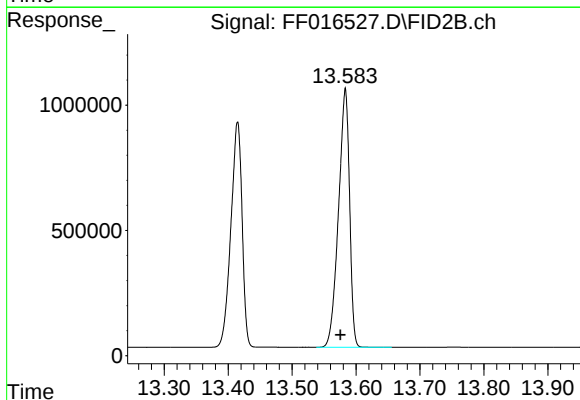
R.T.: 11.977 min
Delta R.T.: 0.010 min
Response: 14030584
Conc: 101.77 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



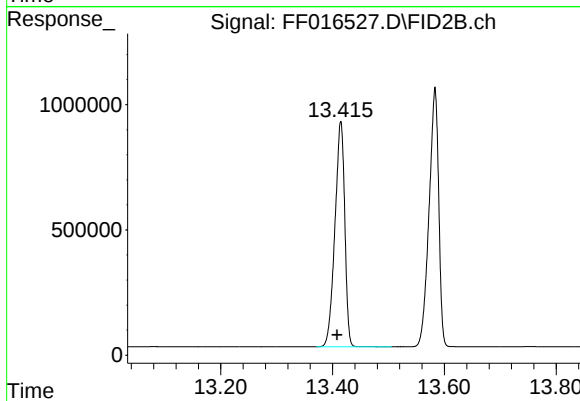
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.006 min
Response: 12475462
Conc: 101.76 ug/ml



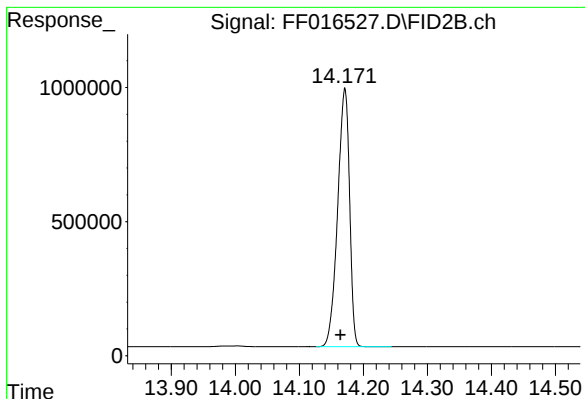
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.008 min
Response: 12368124
Conc: 101.87 ug/ml



#12 1-chlorooctadecane (SURR)

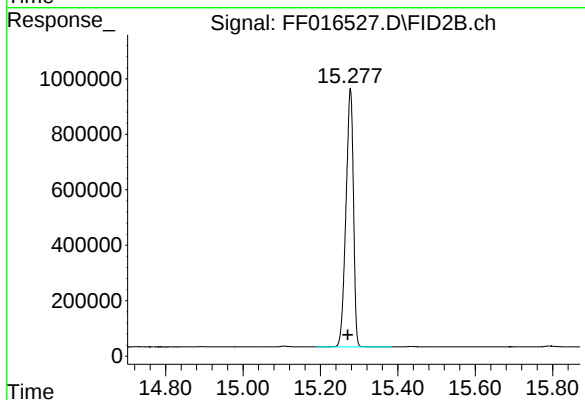
R.T.: 13.415 min
Delta R.T.: 0.007 min
Response: 10961599
Conc: 102.02 ug/ml



#13 n-Docosane (C22)

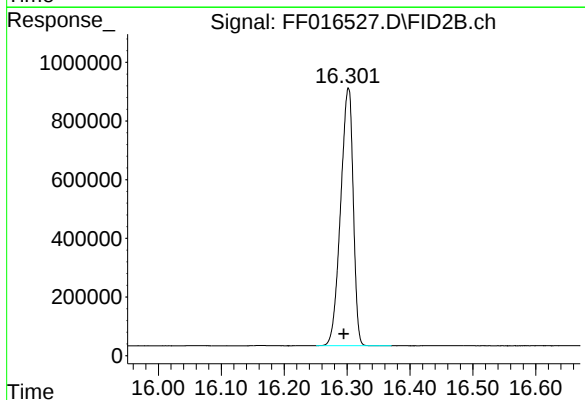
R.T.: 14.171 min
Delta R.T.: 0.007 min
Response: 12389494
Conc: 102.05 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



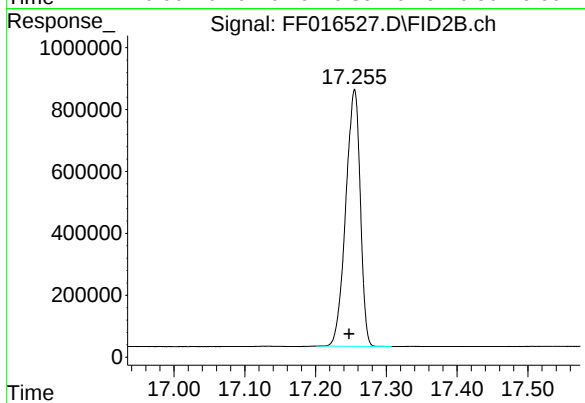
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.007 min
Response: 12470461
Conc: 101.92 ug/ml



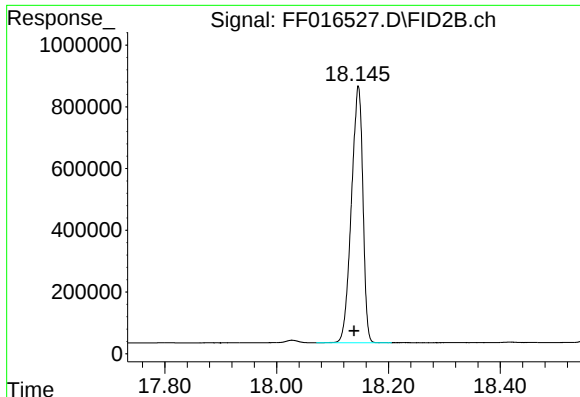
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.007 min
Response: 12221904
Conc: 101.73 ug/ml



#16 n-Octacosane (C28)

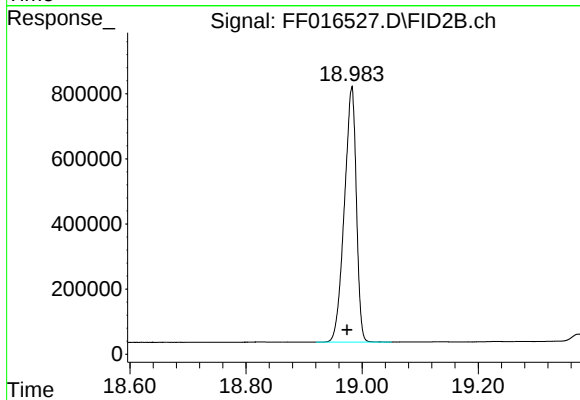
R.T.: 17.255 min
Delta R.T.: 0.007 min
Response: 11834377
Conc: 101.87 ug/ml



#17 n-Tricontane (C30)

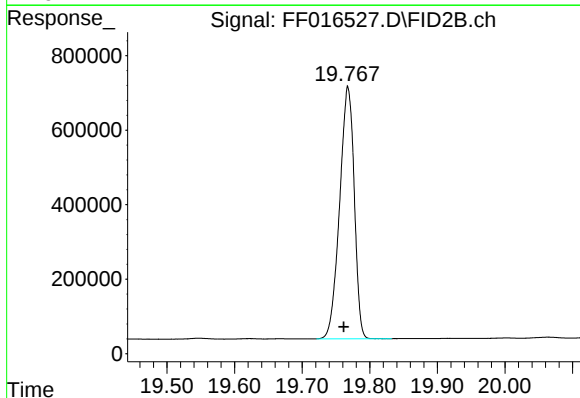
R.T.: 18.146 min
Delta R.T.: 0.008 min
Response: 11829122
Conc: 102.08 ug/ml

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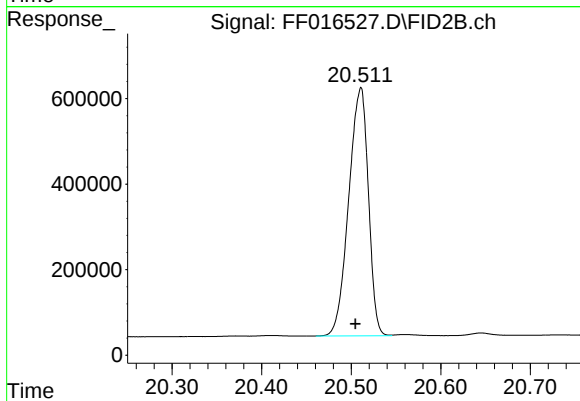
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.008 min
Response: 11226852
Conc: 101.57 ug/ml



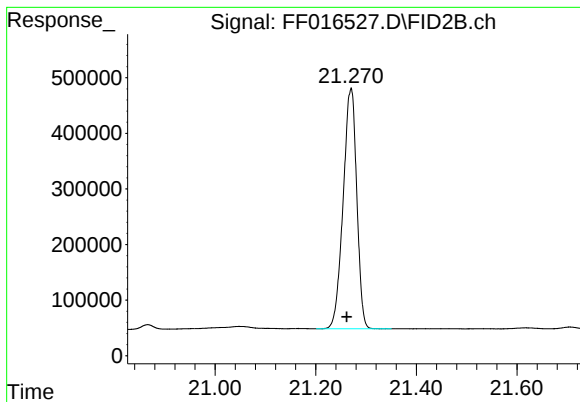
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.007 min
Response: 10154575
Conc: 101.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.006 min
Response: 8839021
Conc: 100.96 ug/ml



#21 n-Octatriacontane (C38)

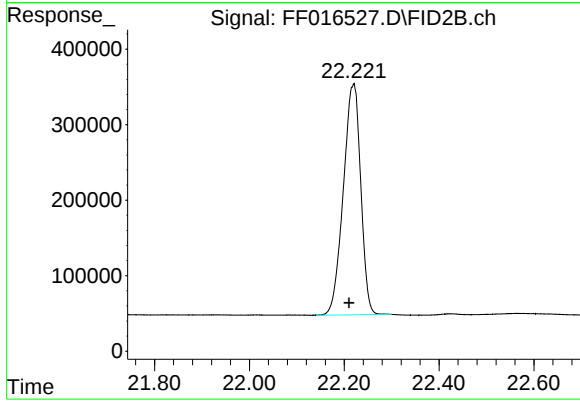
R.T.: 21.270 min
Delta R.T.: 0.008 min
Response: 8104403
Conc: 101.08 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.219 min
Delta R.T.: 0.009 min
Response: 7790683
Conc: 102.57 ug/ml