

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016622.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 22:32
 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: Oct 30 03:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 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)	11.967	13593040	95.356 ug/ml
Spiked Amount 50.000		Recovery =	190.71%
12) S 1-chlorooctadecane (S...	13.405	10587334	96.009 ug/ml
Spiked Amount 50.000		Recovery =	192.02%
Target Compounds			
1) T n-Nonane (C9)	3.317	11248617	97.151 ug/ml
2) T n-Decane (C10)	4.579	11447343	96.795 ug/ml
3) T A~Naphthalene (C11.7)	6.289	12526263	99.858 ug/ml
4) T n-Dodecane (C12)	6.757	11554779	96.745 ug/ml
5) T A~2-methylnaphthalene...	7.391	12121003	101.072 ug/ml
6) T n-Tetradecane (C14)	8.590	11468977	97.577 ug/ml
7) T n-Hexadecane (C16)	10.200	11942954	96.822 ug/ml
8) T n-Octadecane (C18)	11.648	12257879	96.347 ug/ml
10) T n-Eicosane (C20)	12.959	12023661	95.467 ug/ml
11) T n-Heneicosane (C21)	13.574	11945764	95.427 ug/ml
13) T n-Docosane (C22)	14.161	11982982	95.257 ug/ml
14) T n-Tetracosane (C24)	15.268	12086195	94.820 ug/ml
15) T n-Hexacosane (C26)	16.293	11934171	94.758 ug/ml
16) T n-Octacosane (C28)	17.246	11565381	93.398 ug/ml
17) T n-Tricontane (C30)	18.137	11326289	90.198 ug/ml
18) T n-Dotriacontane (C32)	18.974	10451901	86.700 ug/ml
19) T n-Tetratriacontane (C34)	19.759	9364291	87.617 ug/ml
20) T n-Hexatriacontane (C36)	20.502	8191801	89.627 ug/ml
21) T n-Octatriacontane (C38)	21.261	7577856	92.336 ug/ml
22) T n-Tetracontane (C40)	22.206	7352795	92.360 ug/ml

(f)=RT Delta > 1/2 Window

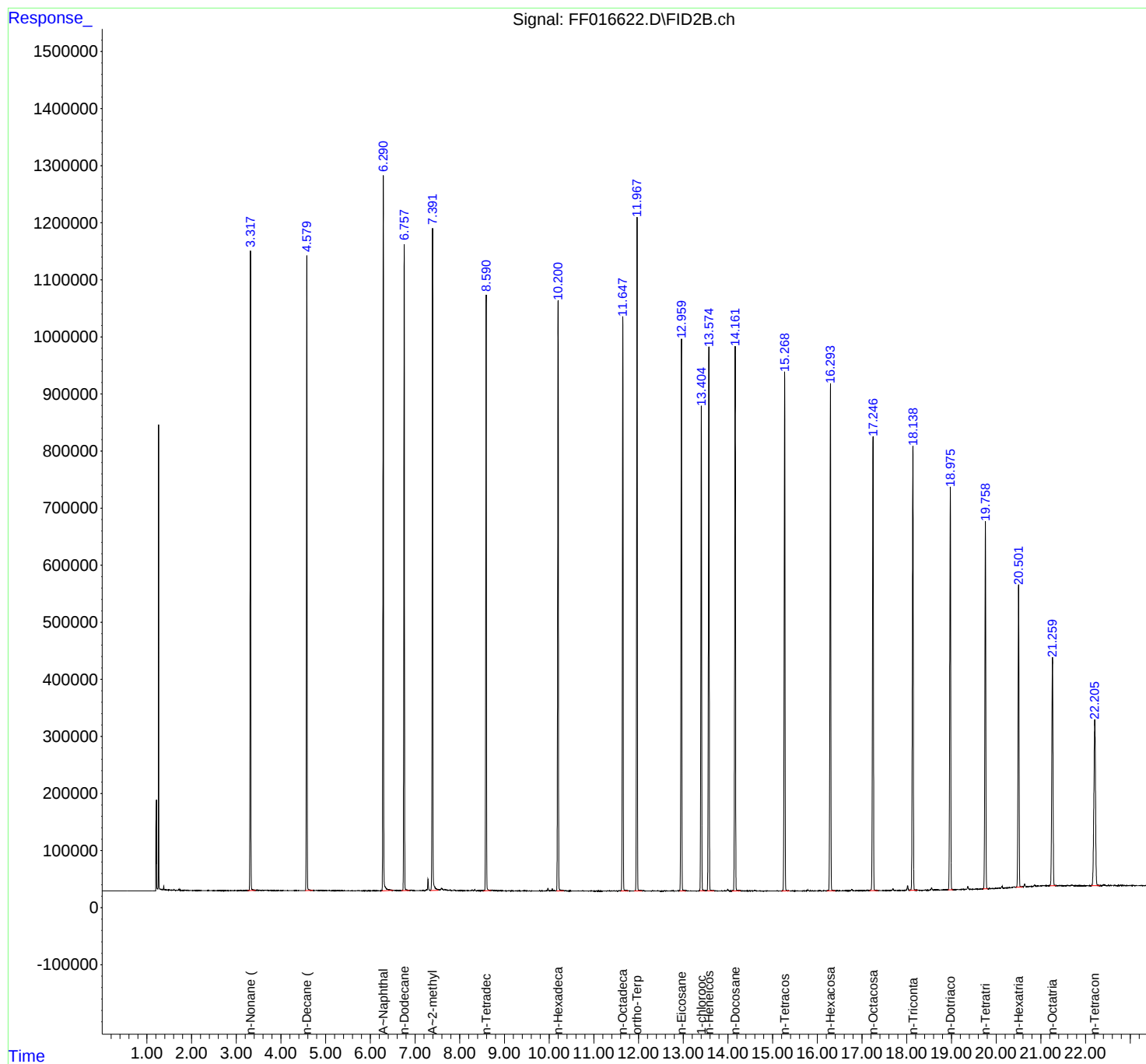
(m)=manual int.

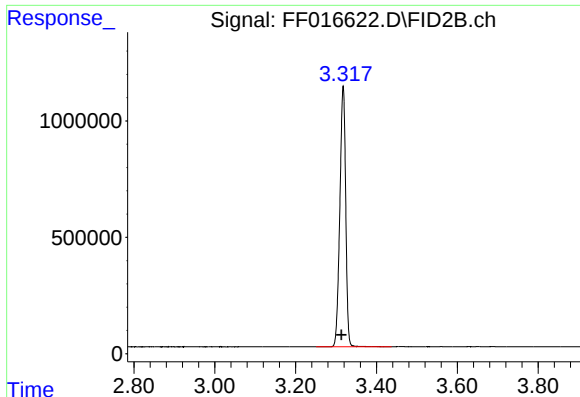
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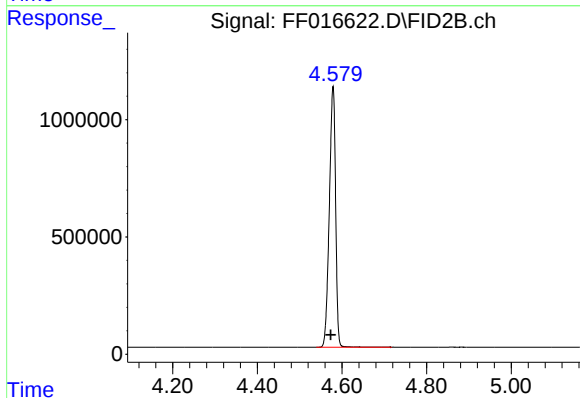




#1 n-Nonane (C9)

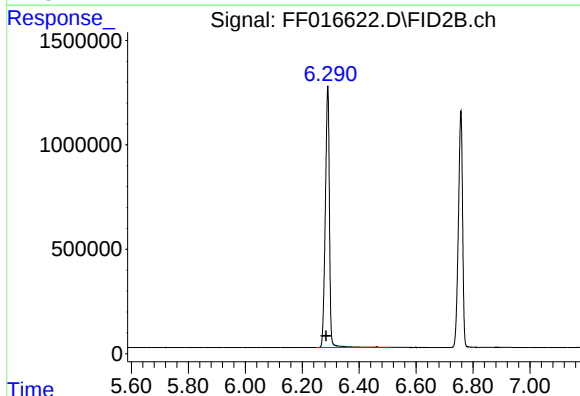
R.T.: 3.317 min
Delta R.T.: 0.004 min
Response: 11248617
Conc: 97.15 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



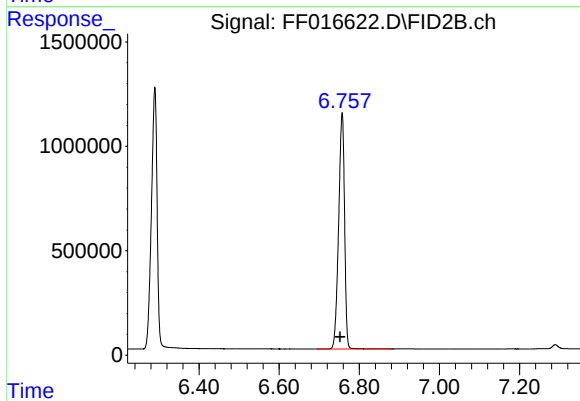
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.005 min
Response: 11447343
Conc: 96.80 ug/ml



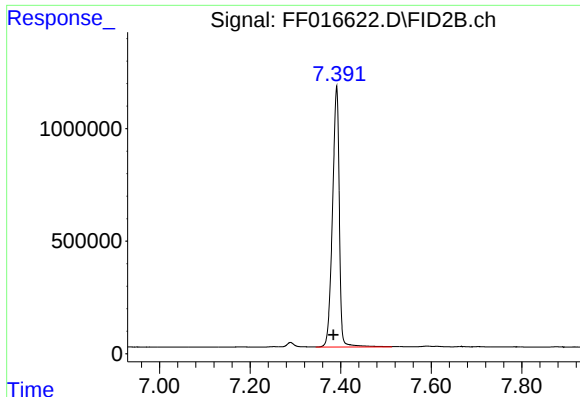
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: 0.005 min
Response: 12526263
Conc: 99.86 ug/ml



#4 n-Dodecane (C12)

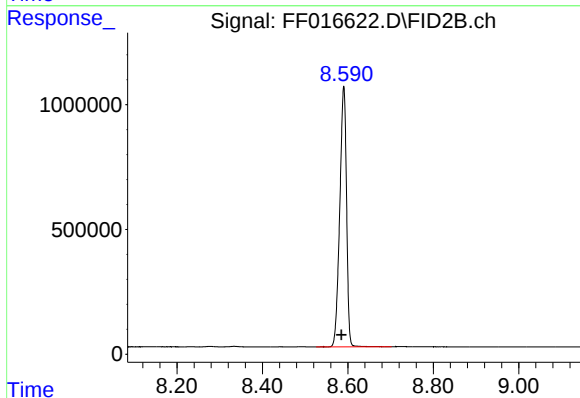
R.T.: 6.757 min
Delta R.T.: 0.005 min
Response: 11554779
Conc: 96.75 ug/ml



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

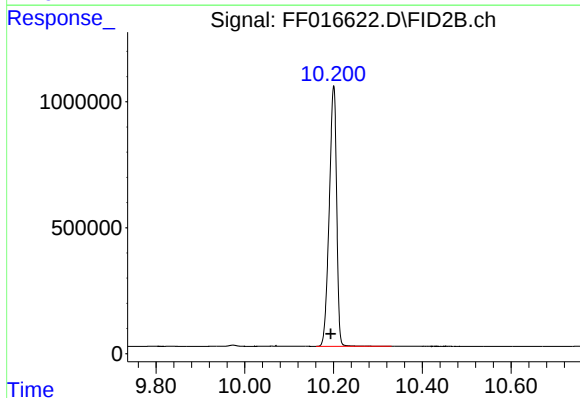
R.T.: 7.391 min
Delta R.T.: 0.006 min
Response: 12121003
Conc: 101.07 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



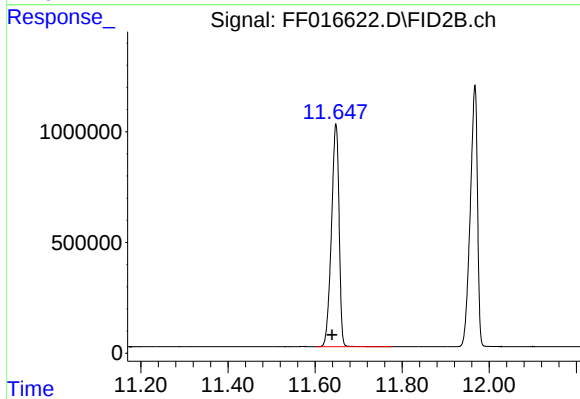
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: 0.005 min
Response: 11468977
Conc: 97.58 ug/ml



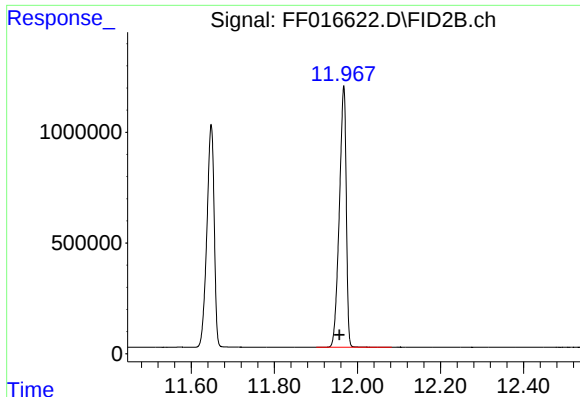
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: 0.007 min
Response: 11942954
Conc: 96.82 ug/ml



#8 n-Octadecane (C18)

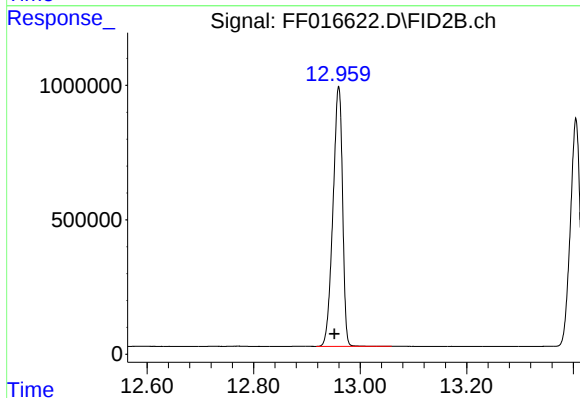
R.T.: 11.648 min
Delta R.T.: 0.009 min
Response: 12257879
Conc: 96.35 ug/ml



#9 ortho-Terphenyl (SURR)

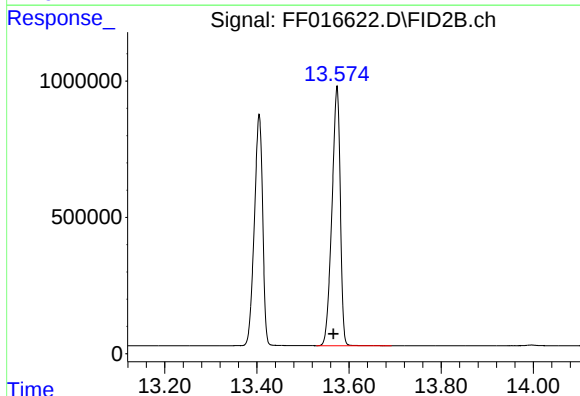
R.T.: 11.967 min
Delta R.T.: 0.010 min
Response: 13593040
Conc: 95.36 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



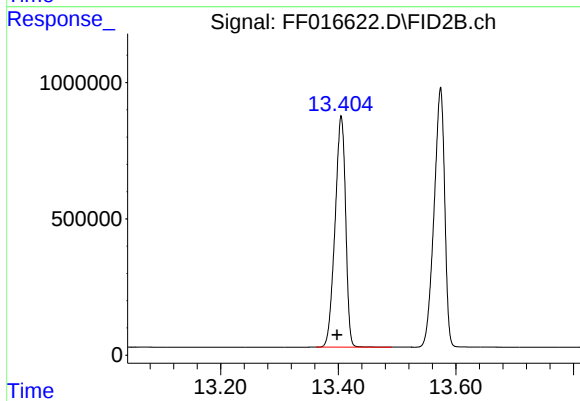
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.008 min
Response: 12023661
Conc: 95.47 ug/ml



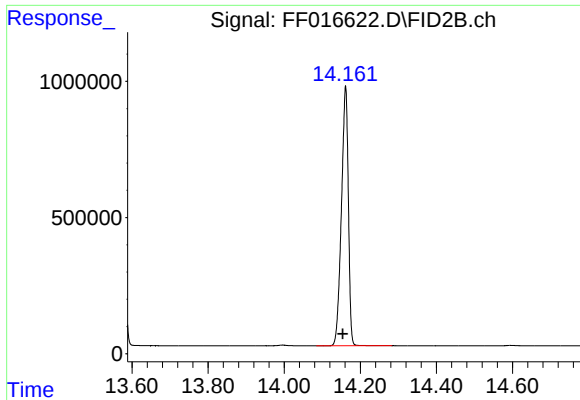
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.008 min
Response: 11945764
Conc: 95.43 ug/ml



#12 1-chlorooctadecane (SURR)

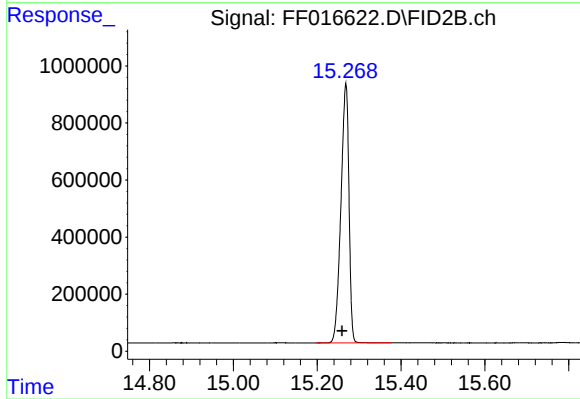
R.T.: 13.405 min
Delta R.T.: 0.007 min
Response: 10587334
Conc: 96.01 ug/ml



#13 n-Docosane (C22)

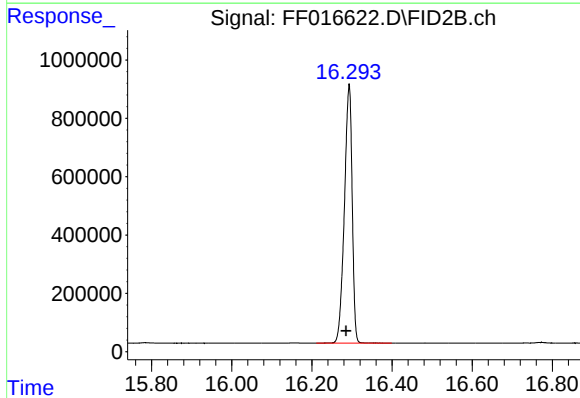
R.T.: 14.161 min
Delta R.T.: 0.007 min
Response: 11982982
Conc: 95.26 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



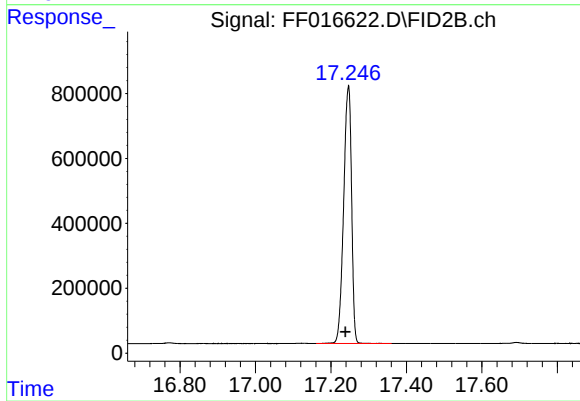
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.008 min
Response: 12086195
Conc: 94.82 ug/ml



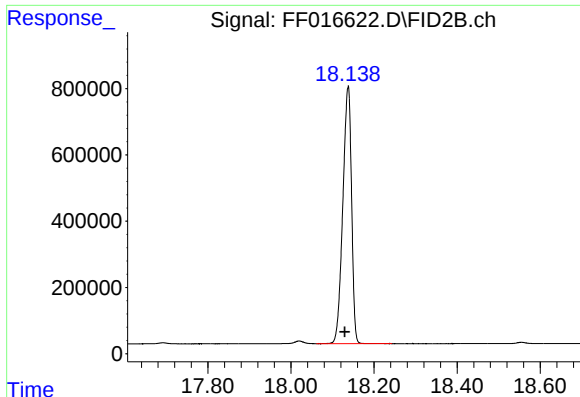
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.007 min
Response: 11934171
Conc: 94.76 ug/ml



#16 n-Octacosane (C28)

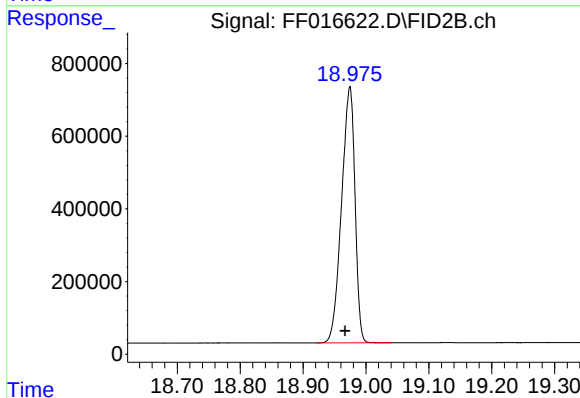
R.T.: 17.246 min
Delta R.T.: 0.008 min
Response: 11565381
Conc: 93.40 ug/ml



#17 n-Tricontane (C30)

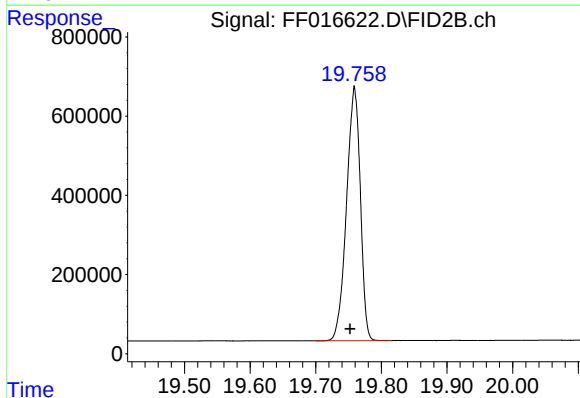
R.T.: 18.137 min
Delta R.T.: 0.008 min
Response: 11326289
Conc: 90.20 ug/ml

Instrument :
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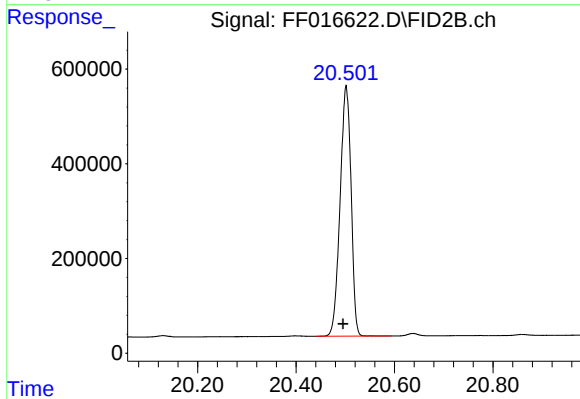
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.008 min
Response: 10451901
Conc: 86.70 ug/ml



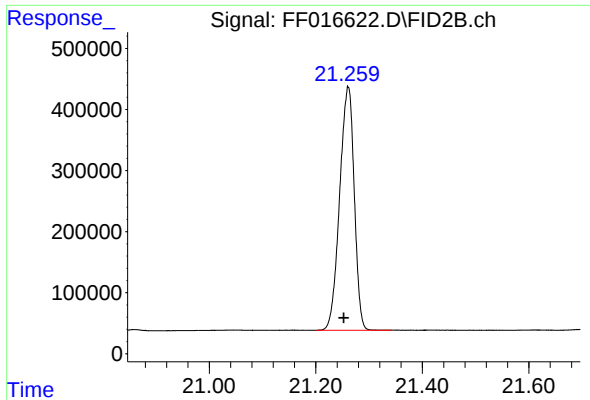
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.006 min
Response: 9364291
Conc: 87.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.007 min
Response: 8191801
Conc: 89.63 ug/ml



#21 n-Octatriacontane (C38)

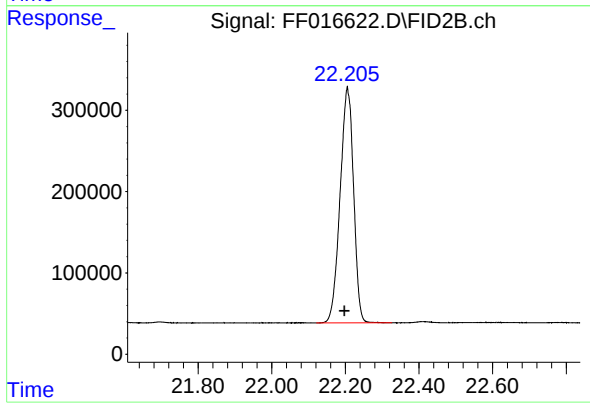
R.T.: 21.261 min
Delta R.T.: 0.009 min
Response: 7577856
Conc: 92.34 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: 0.009 min
Response: 7352795
Conc: 92.36 ug/ml