

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014308.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 17:25
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 30 05:42:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:39:29 2024
 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)	11.831	14071077	100.411 ug/ml
Spiked Amount 50.000		Recovery =	200.82%
12) S 1-chlorooctadecane (S...	13.270	9948284	102.929 ug/ml
Spiked Amount 50.000		Recovery =	205.86%
Target Compounds			
1) T n-Nonane (C9)	3.224	12845966	100.235 ug/ml
2) T n-Decane (C10)	4.475	13103317	100.246 ug/ml
3) T A~Naphthalene (C11.7)	6.170	13514100	103.017 ug/ml
4) T n-Dodecane (C12)	6.641	13231557	100.298 ug/ml
5) T A~2-methylnaphthalene...	7.266	12724425	103.693 ug/ml
6) T n-Tetradecane (C14)	8.468	13037562	100.837 ug/ml
7) T n-Hexadecane (C16)	10.075	13385280	101.491 ug/ml
8) T n-Octadecane (C18)	11.519	13505488	101.148 ug/ml
10) T n-Eicosane (C20)	12.828	12742225	100.865 ug/ml
11) T n-Heneicosane (C21)	13.440	12436913	100.943 ug/ml
13) T n-Docosane (C22)	14.027	12223146	101.188 ug/ml
14) T n-Tetracosane (C24)	15.130	11905791	100.984 ug/ml
15) T n-Hexacosane (C26)	16.152	11340684	100.259 ug/ml
16) T n-Octacosane (C28)	17.101	10811657	99.052 ug/ml
17) T n-Tricontane (C30)	17.990	10510403	96.920 ug/ml
18) T n-Dotriacontane (C32)	18.822	9791475	94.697 ug/ml
19) T n-Tetratriacontane (C34)	19.606	8701699	92.446 ug/ml
20) T n-Hexatriacontane (C36)	20.345	7270952	91.467 ug/ml
21) T n-Octatriacontane (C38)	21.065	5494568	90.963 ug/ml
22) T n-Tetracontane (C40)	21.936	3237794	84.808 ug/ml

(f)=RT Delta > 1/2 Window

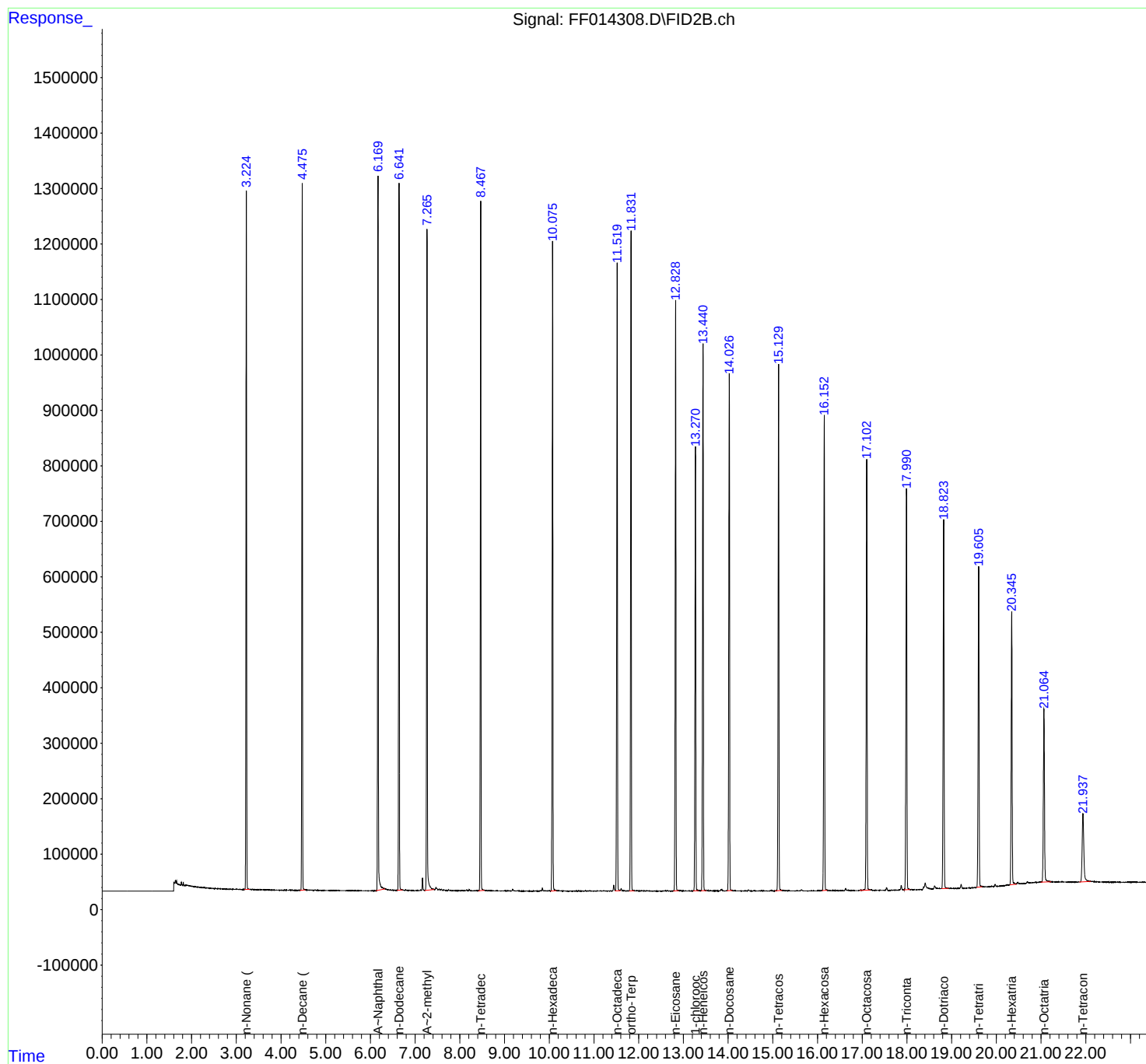
(m)=manual int.

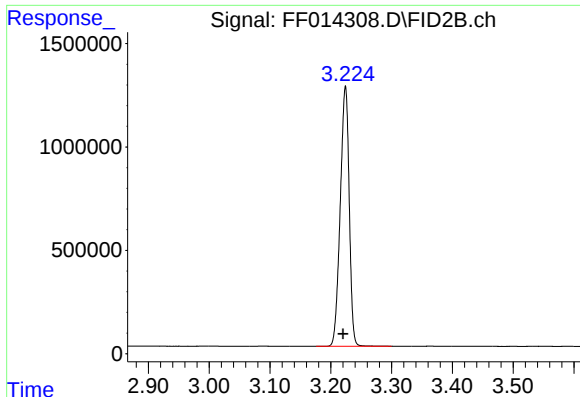
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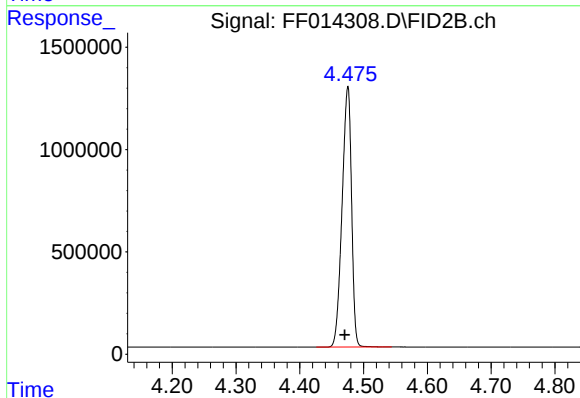




#1 n-Nonane (C9)

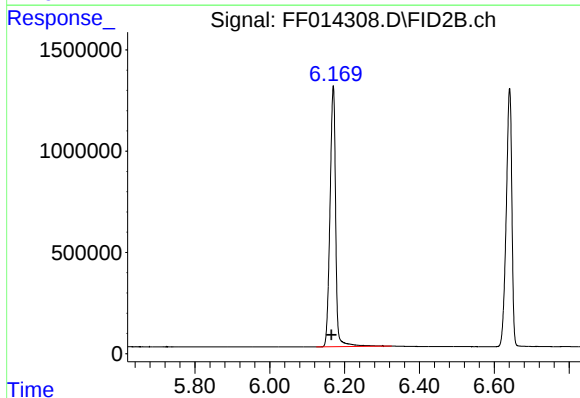
R.T.: 3.224 min
Delta R.T.: 0.004 min
Response: 12845966
Conc: 100.23 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



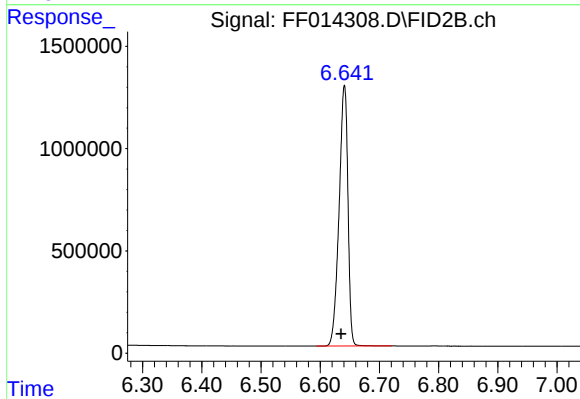
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 13103317
Conc: 100.25 ug/ml



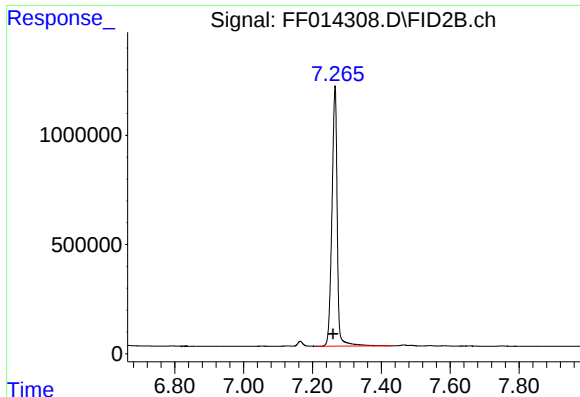
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: 0.005 min
Response: 13514100
Conc: 103.02 ug/ml



#4 n-Dodecane (C12)

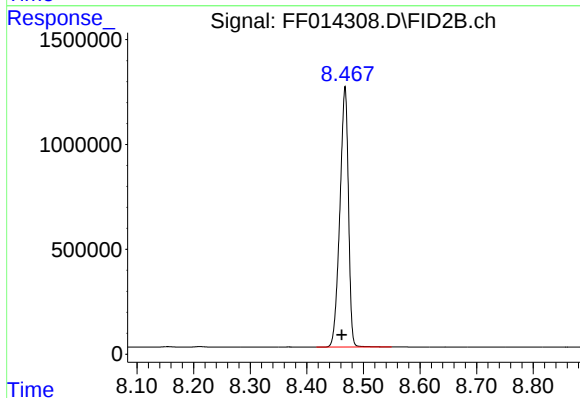
R.T.: 6.641 min
Delta R.T.: 0.006 min
Response: 13231557
Conc: 100.30 ug/ml



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

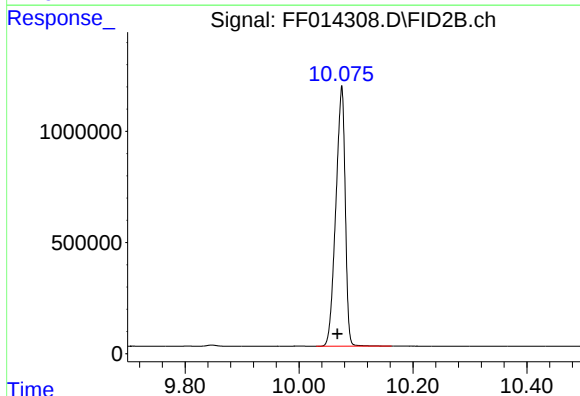
R.T.: 7.266 min
Delta R.T.: 0.006 min
Response: 12724425
Conc: 103.69 ug/ml

Instrument :
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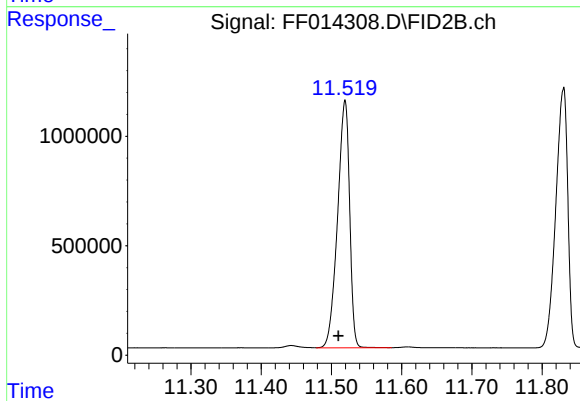
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: 0.006 min
Response: 13037562
Conc: 100.84 ug/ml



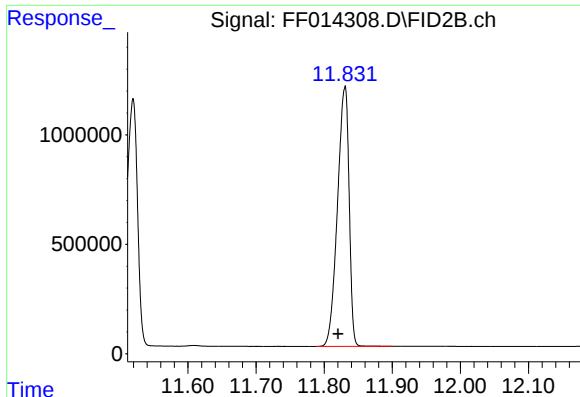
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: 0.008 min
Response: 13385280
Conc: 101.49 ug/ml



#8 n-Octadecane (C18)

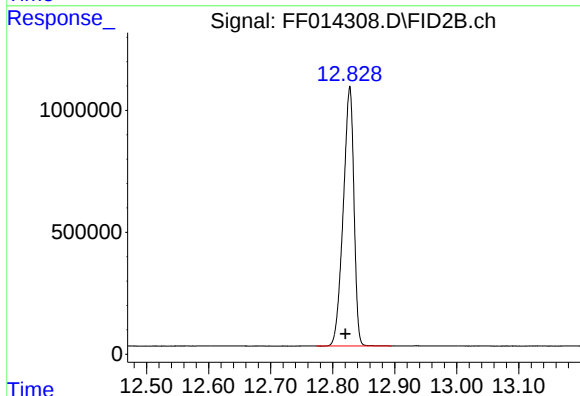
R.T.: 11.519 min
Delta R.T.: 0.009 min
Response: 13505488
Conc: 101.15 ug/ml



#9 ortho-Terphenyl (SURR)

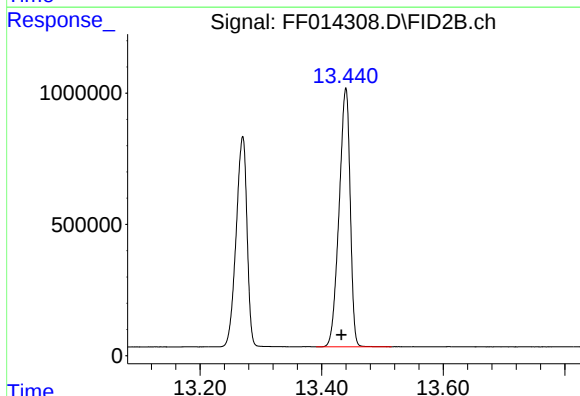
R.T.: 11.831 min
Delta R.T.: 0.010 min
Response: 14071077
Conc: 100.41 ug/ml

Instrument :
FID_F
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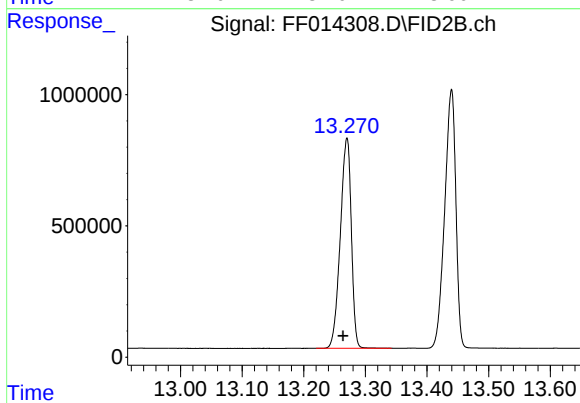
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: 0.007 min
Response: 12742225
Conc: 100.86 ug/ml



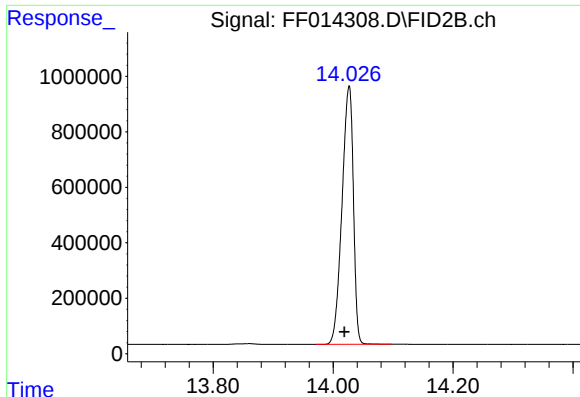
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: 0.007 min
Response: 12436913
Conc: 100.94 ug/ml



#12 1-chlorooctadecane (SURR)

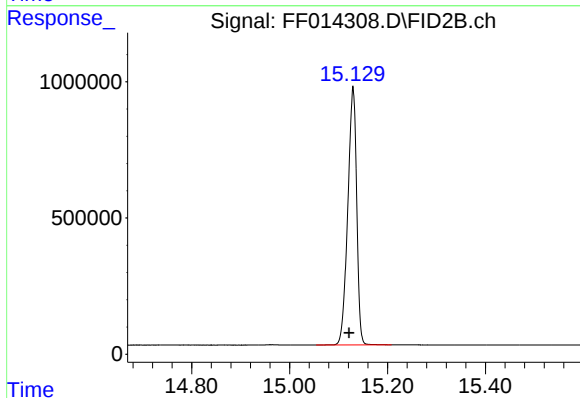
R.T.: 13.270 min
Delta R.T.: 0.006 min
Response: 9948284
Conc: 102.93 ug/ml



#13 n-Docosane (C22)

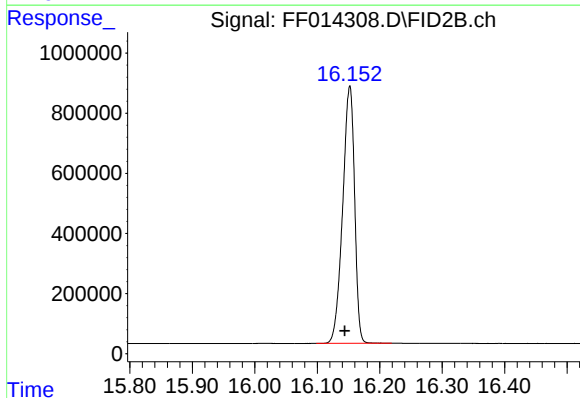
R.T.: 14.027 min
Delta R.T.: 0.008 min
Response: 12223146
Conc: 101.19 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



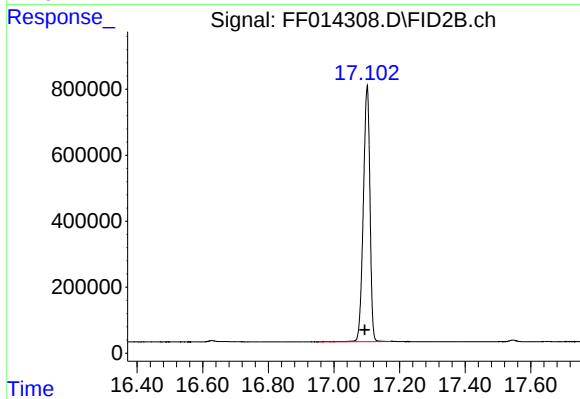
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: 0.008 min
Response: 11905791
Conc: 100.98 ug/ml



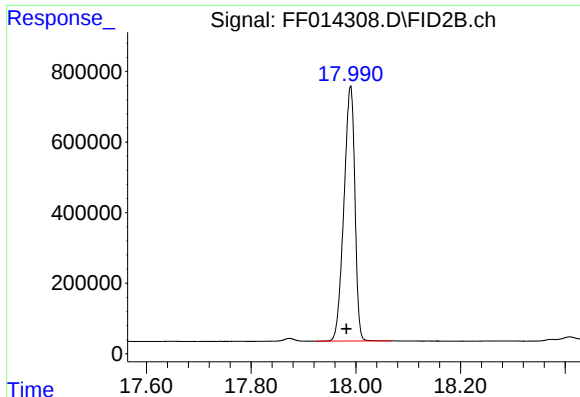
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: 0.008 min
Response: 11340684
Conc: 100.26 ug/ml



#16 n-Octacosane (C28)

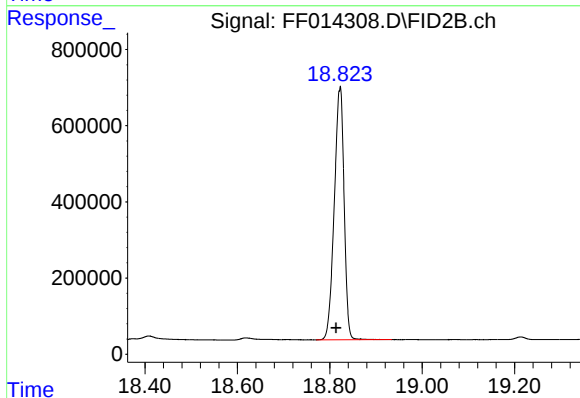
R.T.: 17.101 min
Delta R.T.: 0.008 min
Response: 10811657
Conc: 99.05 ug/ml



#17 n-Tricontane (C30)

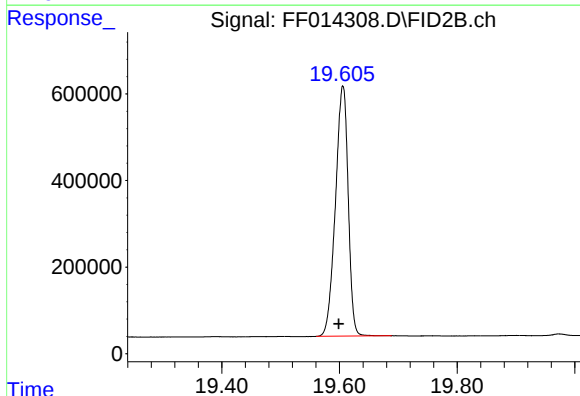
R.T.: 17.990 min
Delta R.T.: 0.008 min
Response: 10510403
Conc: 96.92 ug/ml

Instrument :
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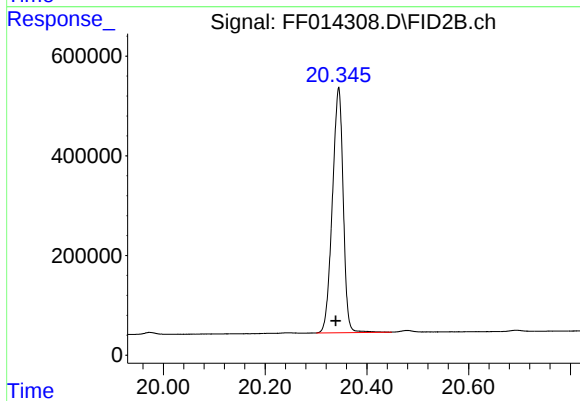
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: 0.008 min
Response: 9791475
Conc: 94.70 ug/ml



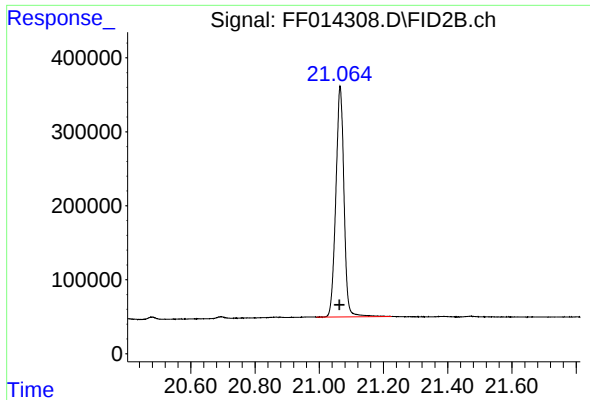
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.007 min
Response: 8701699
Conc: 92.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: 0.006 min
Response: 7270952
Conc: 91.47 ug/ml



#21 n-Octatriacontane (C38)

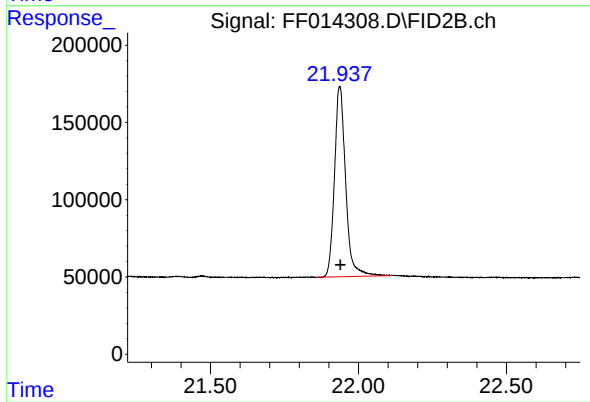
R.T.: 21.065 min
Delta R.T.: 0.003 min
Response: 5494568
Conc: 90.96 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.003 min
Response: 3237794
Conc: 84.81 ug/ml