

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014590.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 10:41
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 02 12:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 11:59:41 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)	11.801	14753108	97.079 ug/ml
Spiked Amount 50.000		Recovery =	194.16%
12) S 1-chlorooctadecane (S...	13.241	11646345	97.866 ug/ml
Spiked Amount 50.000		Recovery =	195.73%
Target Compounds			
1) T n-Nonane (C9)	3.199	11997334	97.385 ug/ml
2) T n-Decane (C10)	4.448	12220456	97.367 ug/ml
3) T A~Naphthalene (C11.7)	6.141	13262925	99.058 ug/ml
4) T n-Dodecane (C12)	6.614	12398268	97.331 ug/ml
5) T A~2-methylnaphthalene...	7.237	12813764	100.648 ug/ml
6) T n-Tetradecane (C14)	8.441	12455499	97.822 ug/ml
7) T n-Hexadecane (C16)	10.047	13055643	98.501 ug/ml
8) T n-Octadecane (C18)	11.491	13508148	97.982 ug/ml
10) T n-Eicosane (C20)	12.798	13321507	97.243 ug/ml
11) T n-Heneicosane (C21)	13.410	13239136	97.092 ug/ml
13) T n-Docosane (C22)	13.995	13367640	97.164 ug/ml
14) T n-Tetracosane (C24)	15.097	13675214	97.248 ug/ml
15) T n-Hexacosane (C26)	16.117	13684005	96.892 ug/ml
16) T n-Octacosane (C28)	17.066	13572763	95.812 ug/ml
17) T n-Tricontane (C30)	17.952	13691100	94.011 ug/ml
18) T n-Dotriacontane (C32)	18.783	12977998	91.923 ug/ml
19) T n-Tetratriacontane (C34)	19.562	11073225	92.138 ug/ml
20) T n-Hexatriacontane (C36)	20.298	9316860	92.860 ug/ml
21) T n-Octatriacontane (C38)	21.013	8422193	95.094 ug/ml
22) T n-Tetracontane (C40)	21.873	7684354	95.829 ug/ml

(f)=RT Delta > 1/2 Window

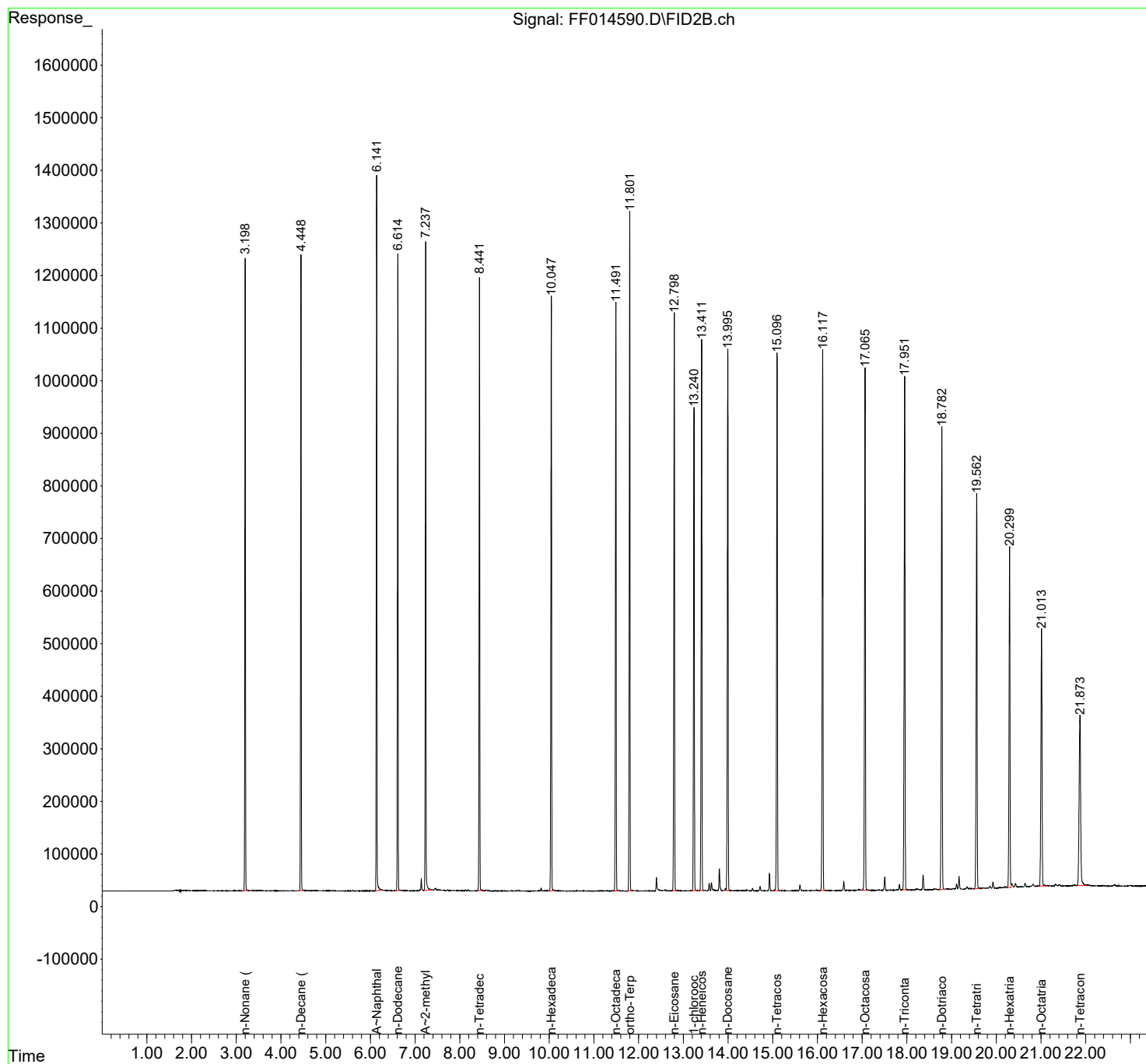
(m)=manual int.

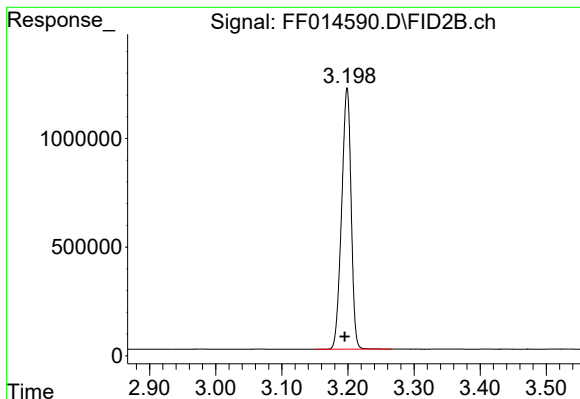
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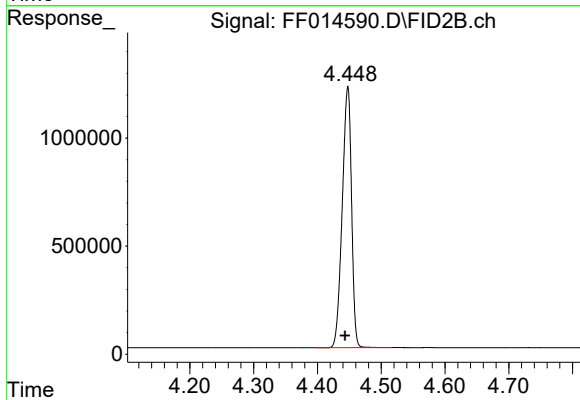




#1 n-Nonane (C9)

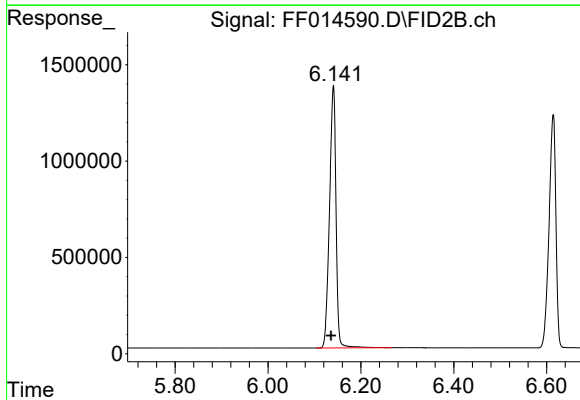
R.T.: 3.199 min
Delta R.T.: 0.004 min
Response: 11997334
Conc: 97.38 ug/ml

Instrument :
FID_F
ClientSampleId :



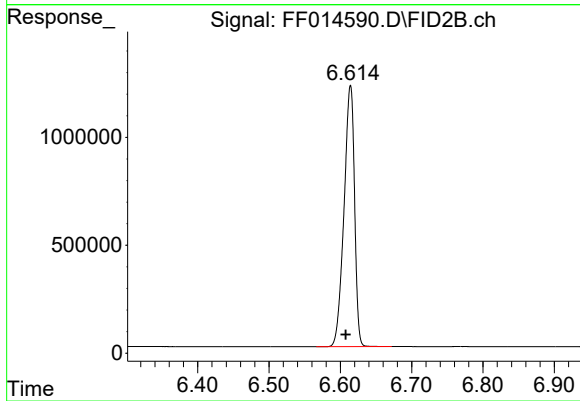
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: 0.005 min
Response: 12220456
Conc: 97.37 ug/ml



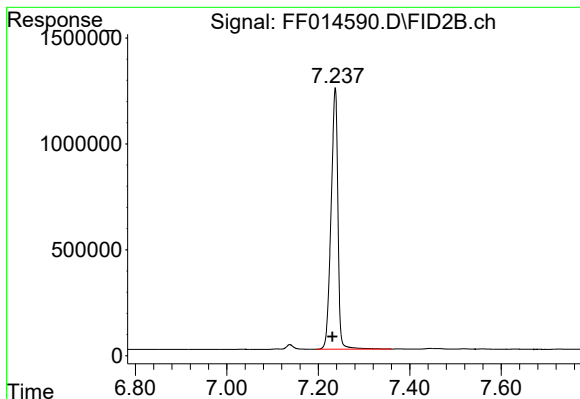
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 13262925
Conc: 99.06 ug/ml



#4 n-Dodecane (C12)

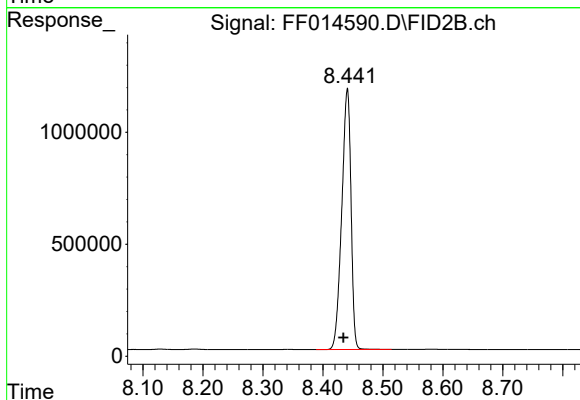
R.T.: 6.614 min
Delta R.T.: 0.006 min
Response: 12398268
Conc: 97.33 ug/ml



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

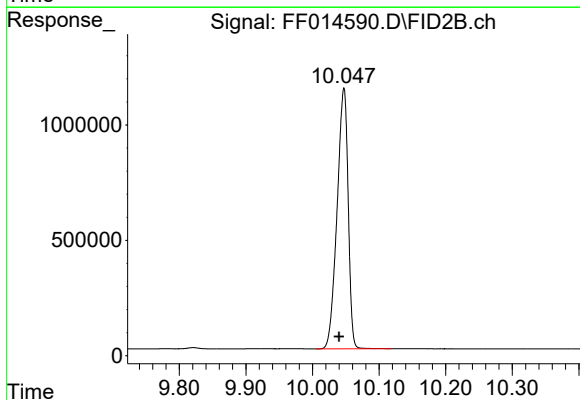
R.T.: 7.237 min
Delta R.T.: 0.006 min
Response: 12813764
Conc: 100.65 ug/ml

Instrument :
FID_F
ClientSampleId :



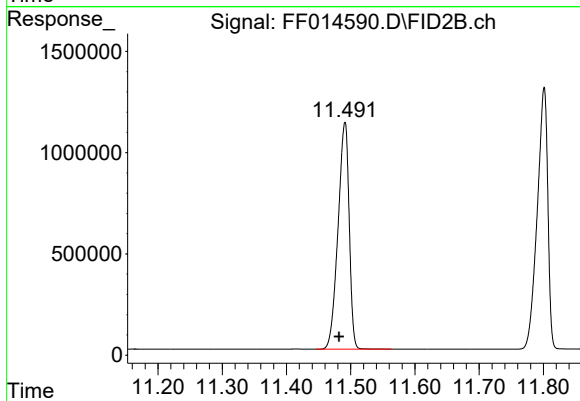
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: 0.006 min
Response: 12455499
Conc: 97.82 ug/ml



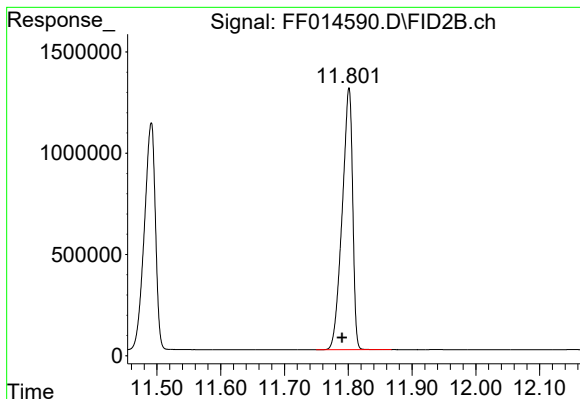
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: 0.008 min
Response: 13055643
Conc: 98.50 ug/ml



#8 n-Octadecane (C18)

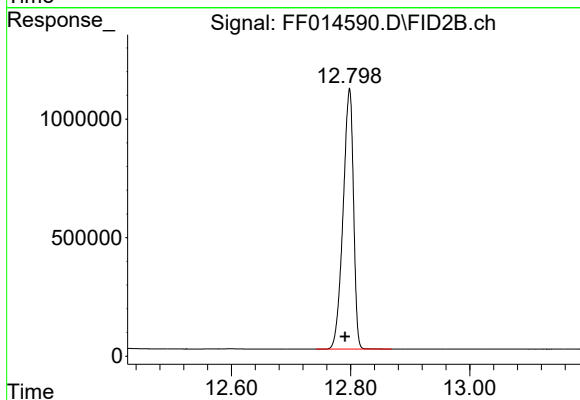
R.T.: 11.491 min
Delta R.T.: 0.009 min
Response: 13508148
Conc: 97.98 ug/ml



#9 ortho-Terphenyl (SURR)

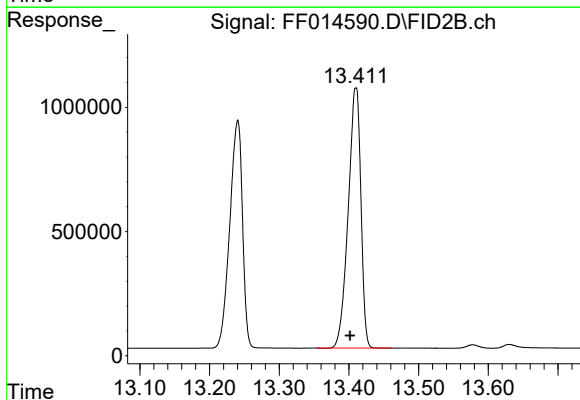
R.T.: 11.801 min
Delta R.T.: 0.011 min
Response: 14753108
Conc: 97.08 ug/ml

Instrument :
FID_F
ClientSampleId :



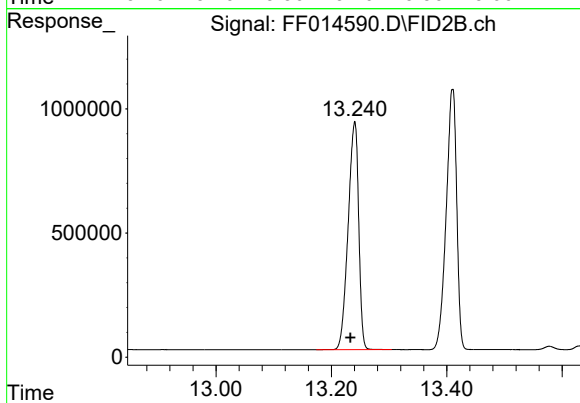
#10 n-Eicosane (C20)

R.T.: 12.798 min
Delta R.T.: 0.007 min
Response: 13321507
Conc: 97.24 ug/ml



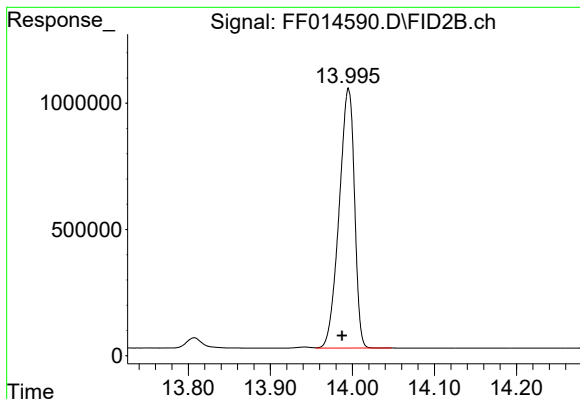
#11 n-Heneicosane (C21)

R.T.: 13.410 min
Delta R.T.: 0.008 min
Response: 13239136
Conc: 97.09 ug/ml



#12 1-chlorooctadecane (SURR)

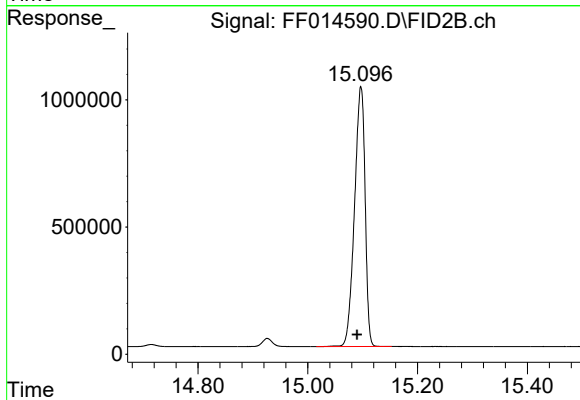
R.T.: 13.241 min
Delta R.T.: 0.007 min
Response: 11646345
Conc: 97.87 ug/ml



#13 n-Docosane (C22)

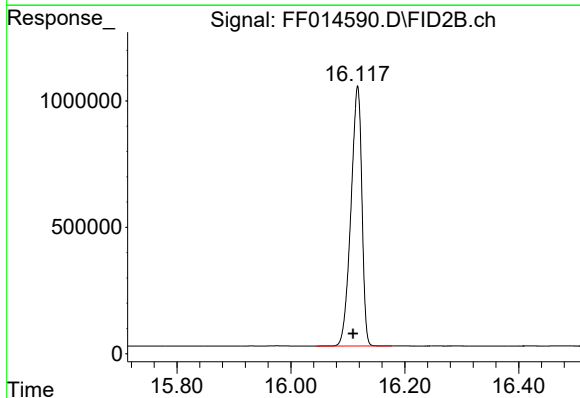
R.T.: 13.995 min
Delta R.T.: 0.008 min
Response: 13367640
Conc: 97.16 ug/ml

Instrument :
FID_F
ClientSampleId :



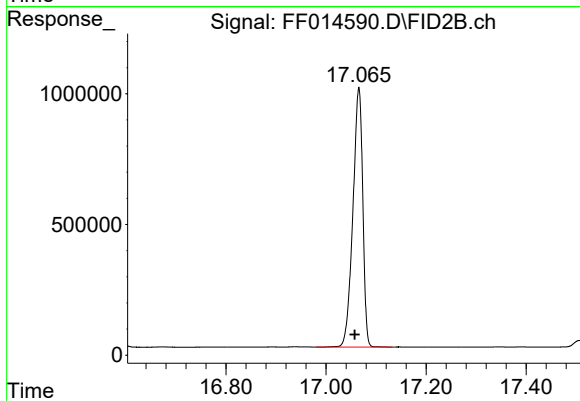
#14 n-Tetracosane (C24)

R.T.: 15.097 min
Delta R.T.: 0.007 min
Response: 13675214
Conc: 97.25 ug/ml



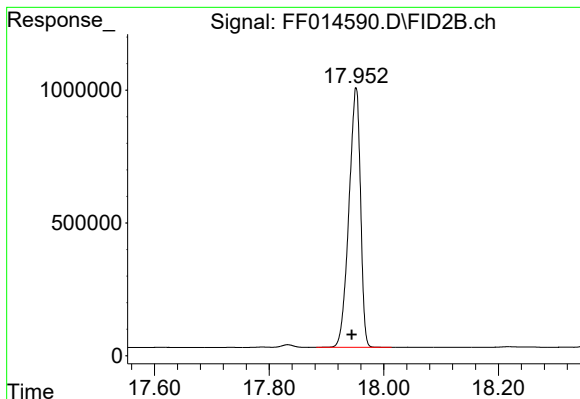
#15 n-Hexacosane (C26)

R.T.: 16.117 min
Delta R.T.: 0.008 min
Response: 13684005
Conc: 96.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: 0.008 min
Response: 13572763
Conc: 95.81 ug/ml



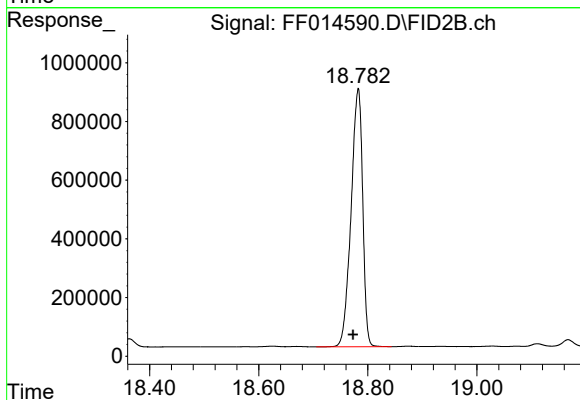
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: 0.008 min
Response: 13691100
Conc: 94.01 ug/ml

Instrument :

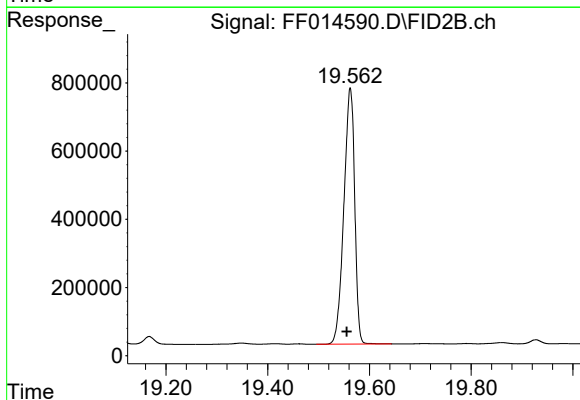
FID_F

ClientSampleId :



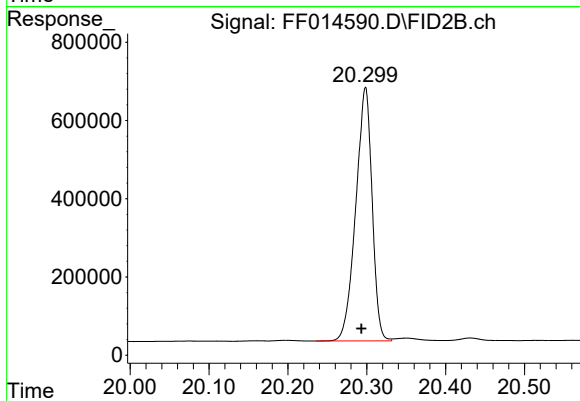
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.010 min
Response: 12977998
Conc: 91.92 ug/ml



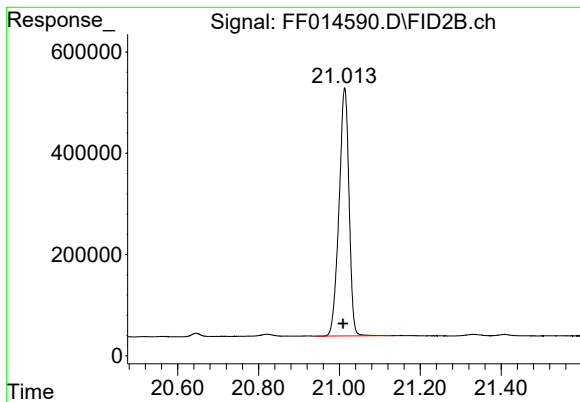
#19 n-Tetratriacontane (C34)

R.T.: 19.562 min
Delta R.T.: 0.007 min
Response: 11073225
Conc: 92.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.298 min
Delta R.T.: 0.005 min
Response: 9316860
Conc: 92.86 ug/ml



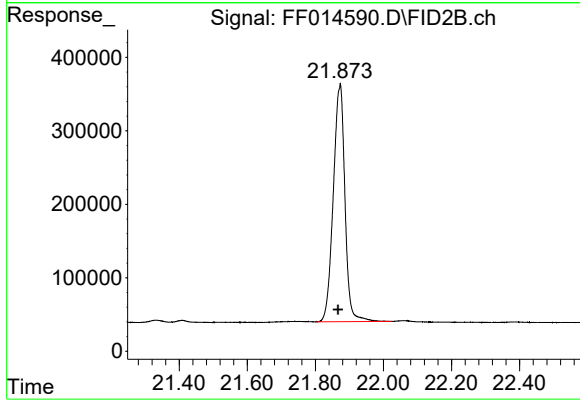
#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 8422193
Conc: 95.09 ug/ml

Instrument :

FID_F

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.007 min
Response: 7684354
Conc: 95.83 ug/ml