

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015982.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 23:23
 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: Jun 16 03:08:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:08:01 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)	12.009	13560837	89.344 ug/ml
Spiked Amount 50.000		Recovery =	178.69%
12) S 1-chlorooctadecane (S...	13.443	10657992	90.117 ug/ml
Spiked Amount 50.000		Recovery =	180.23%
Target Compounds			
1) T n-Nonane (C9)	3.371	11021287	88.962 ug/ml
2) T n-Decane (C10)	4.629	11252325	88.997 ug/ml
3) T A~Naphthalene (C11.7)	6.337	12373988	89.071 ug/ml
4) T n-Dodecane (C12)	6.803	11396971	89.226 ug/ml
5) T A~2-methylnaphthalene...	7.437	12075151	89.290 ug/ml
6) T n-Tetradecane (C14)	8.634	11423740	89.288 ug/ml
7) T n-Hexadecane (C16)	10.243	11942089	89.528 ug/ml
8) T n-Octadecane (C18)	11.689	12303208	89.652 ug/ml
10) T n-Eicosane (C20)	12.998	12118924	89.699 ug/ml
11) T n-Heneicosane (C21)	13.612	12058703	89.835 ug/ml
13) T n-Docosane (C22)	14.198	12117601	89.617 ug/ml
14) T n-Tetracosane (C24)	15.303	12243091	89.035 ug/ml
15) T n-Hexacosane (C26)	16.326	12230077	90.032 ug/ml
16) T n-Octacosane (C28)	17.276	11744879	88.040 ug/ml
17) T n-Tricontane (C30)	18.163	11611725	86.909 ug/ml
18) T n-Dotriacontane (C32)	18.998	10824913	86.035 ug/ml
19) T n-Tetratriacontane (C34)	19.783	9724309	86.377 ug/ml
20) T n-Hexatriacontane (C36)	20.523	8345459	87.180 ug/ml
21) T n-Octatriacontane (C38)	21.286	7520889	87.554 ug/ml
22) T n-Tetracontane (C40)	22.240	7046974	88.882 ug/ml

(f)=RT Delta > 1/2 Window

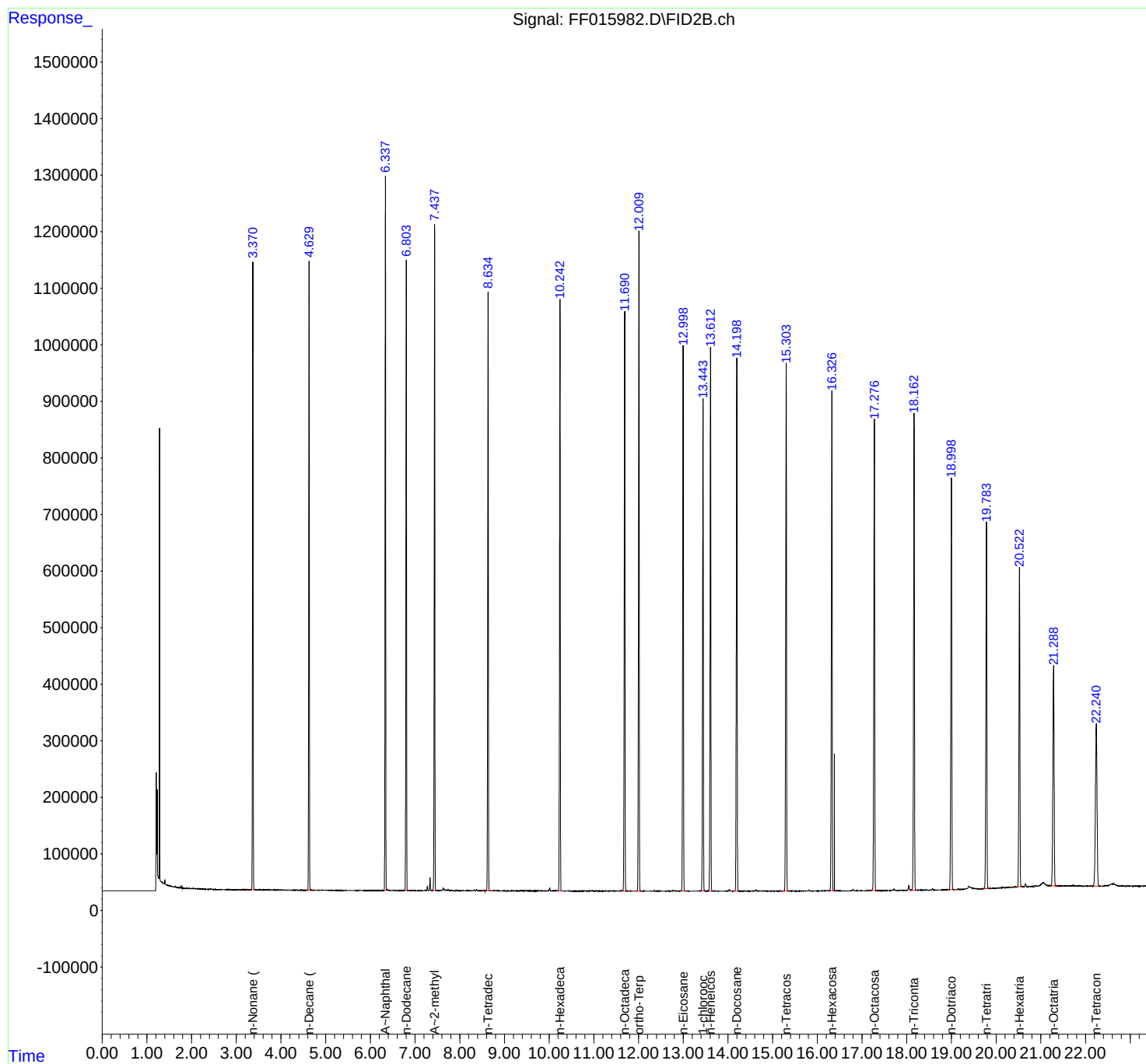
(m)=manual int.

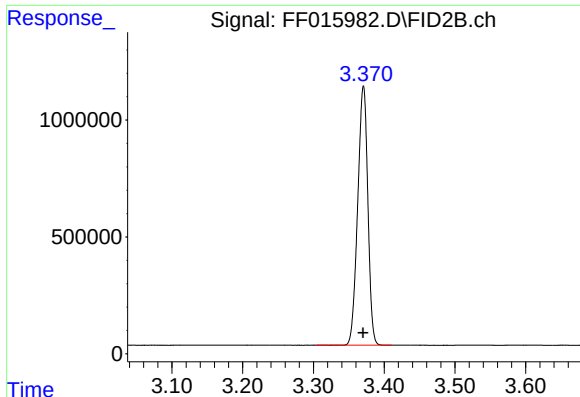
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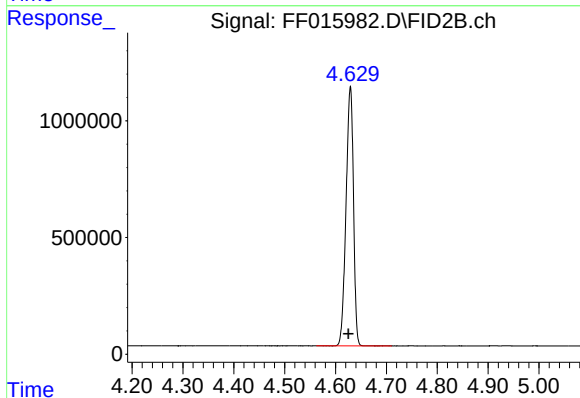




#1 n-Nonane (C9)

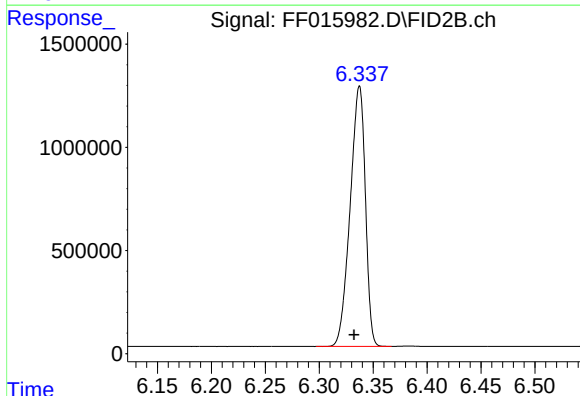
R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 11021287
Conc: 88.96 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



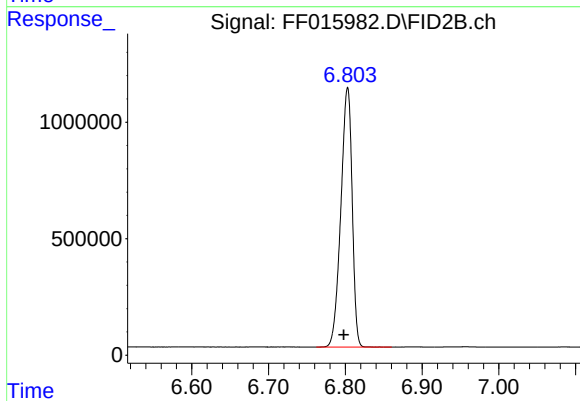
#2 n-Decane (C10)

R.T.: 4.629 min
Delta R.T.: 0.003 min
Response: 11252325
Conc: 89.00 ug/ml



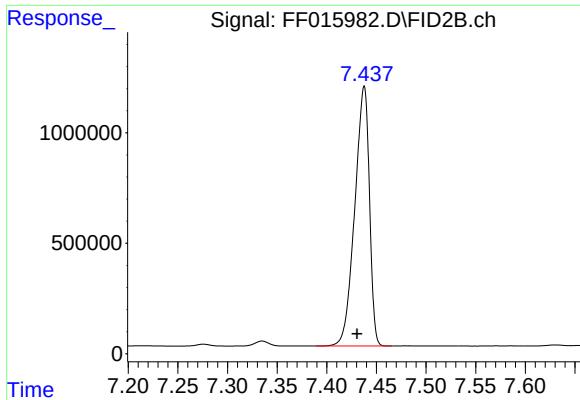
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: 0.005 min
Response: 12373988
Conc: 89.07 ug/ml



#4 n-Dodecane (C12)

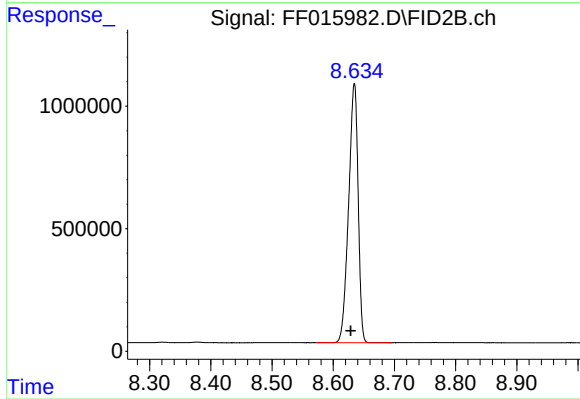
R.T.: 6.803 min
Delta R.T.: 0.005 min
Response: 11396971
Conc: 89.23 ug/ml



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

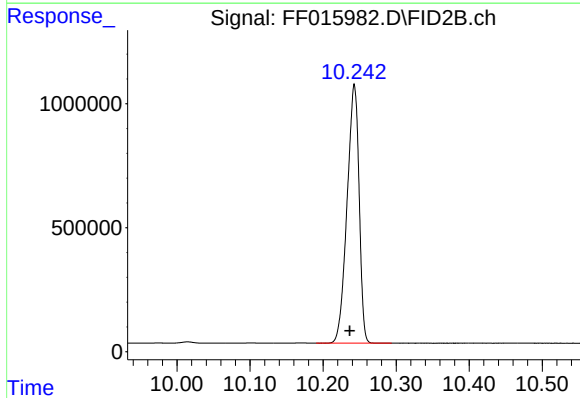
R.T.: 7.437 min
Delta R.T.: 0.007 min
Response: 12075151
Conc: 89.29 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



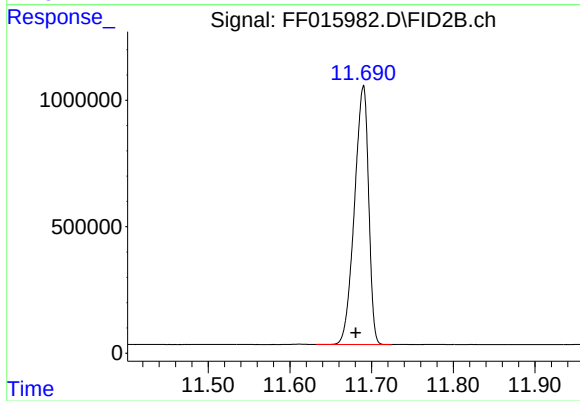
#6 n-Tetradecane (C14)

R.T.: 8.634 min
Delta R.T.: 0.005 min
Response: 11423740
Conc: 89.29 ug/ml



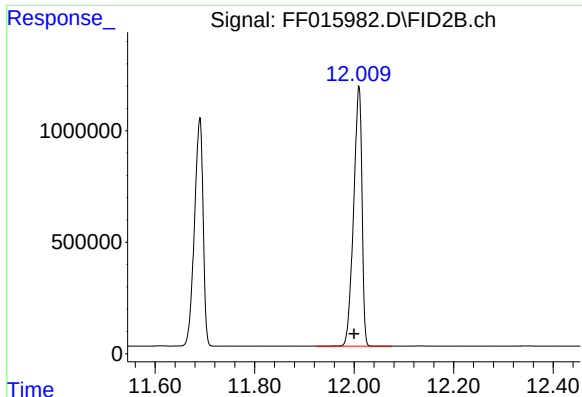
#7 n-Hexadecane (C16)

R.T.: 10.243 min
Delta R.T.: 0.006 min
Response: 11942089
Conc: 89.53 ug/ml



#8 n-Octadecane (C18)

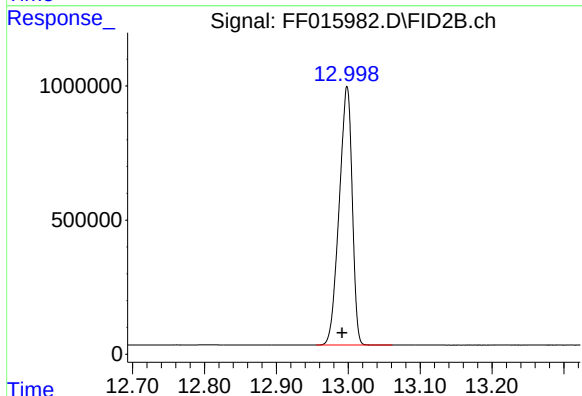
R.T.: 11.689 min
Delta R.T.: 0.009 min
Response: 12303208
Conc: 89.65 ug/ml



#9 ortho-Terphenyl (SURR)

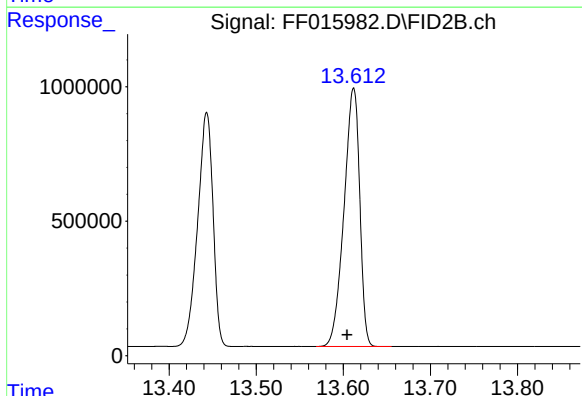
R.T.: 12.009 min
Delta R.T.: 0.009 min
Response: 13560837
Conc: 89.34 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



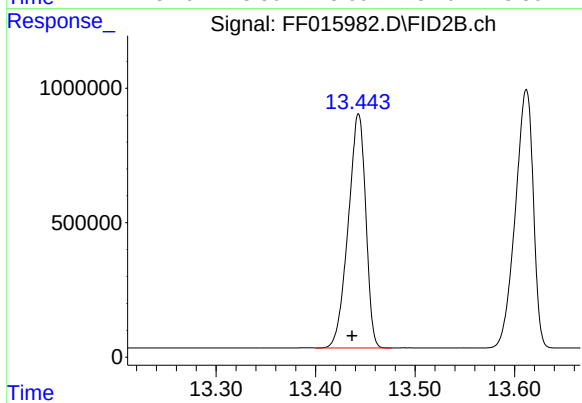
#10 n-Eicosane (C20)

R.T.: 12.998 min
Delta R.T.: 0.007 min
Response: 12118924
Conc: 89.70 ug/ml



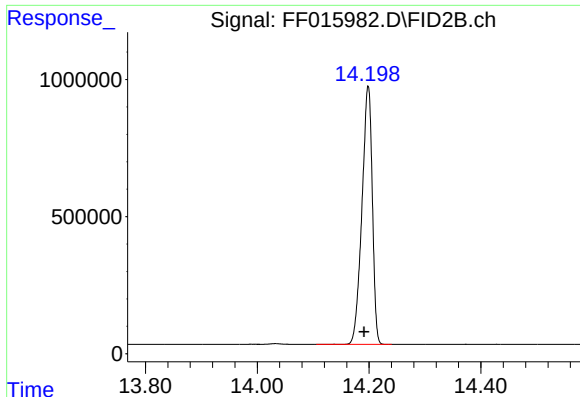
#11 n-Heneicosane (C21)

R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 12058703
Conc: 89.83 ug/ml



#12 1-chlorooctadecane (SURR)

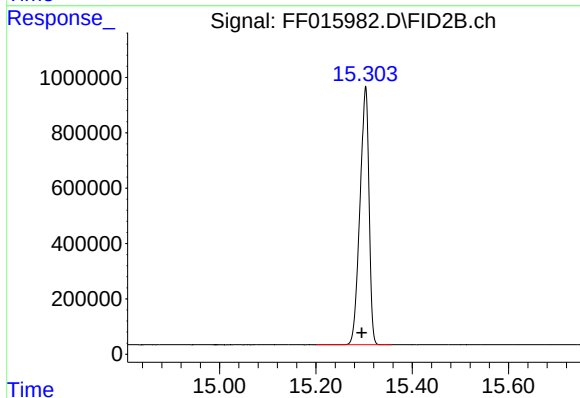
R.T.: 13.443 min
Delta R.T.: 0.007 min
Response: 10657992
Conc: 90.12 ug/ml



#13 n-Docosane (C22)

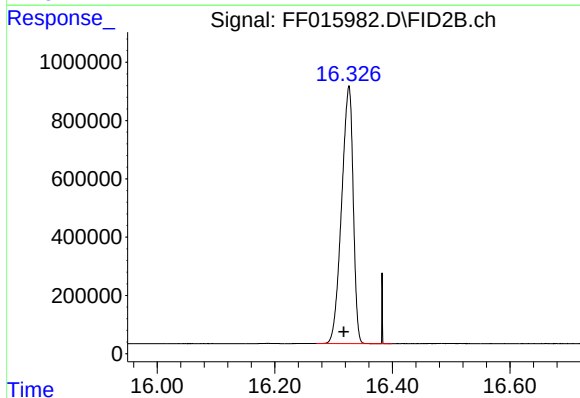
R.T.: 14.198 min
Delta R.T.: 0.007 min
Response: 12117601
Conc: 89.62 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



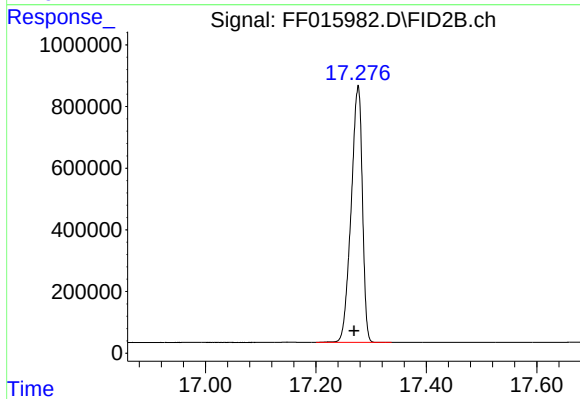
#14 n-Tetracosane (C24)

R.T.: 15.303 min
Delta R.T.: 0.008 min
Response: 12243091
Conc: 89.04 ug/ml



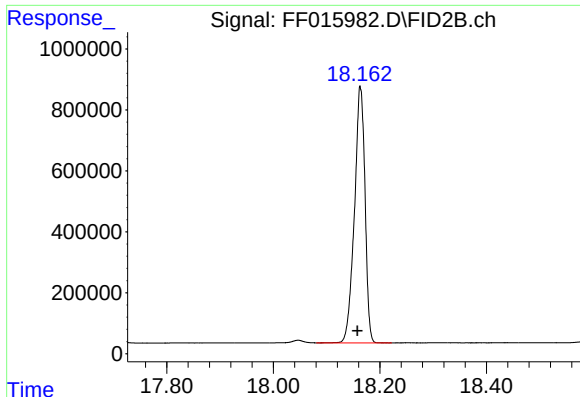
#15 n-Hexacosane (C26)

R.T.: 16.326 min
Delta R.T.: 0.008 min
Response: 12230077
Conc: 90.03 ug/ml



#16 n-Octacosane (C28)

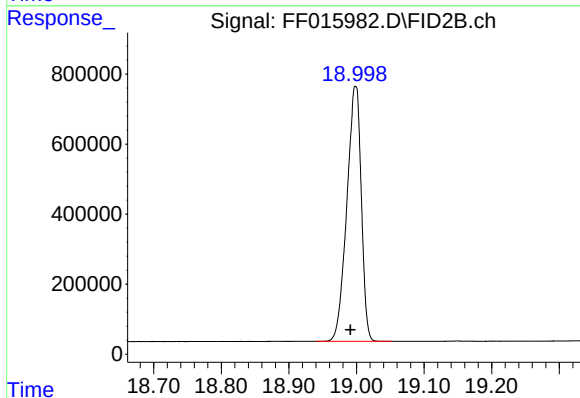
R.T.: 17.276 min
Delta R.T.: 0.007 min
Response: 11744879
Conc: 88.04 ug/ml



#17 n-Tricontane (C30)

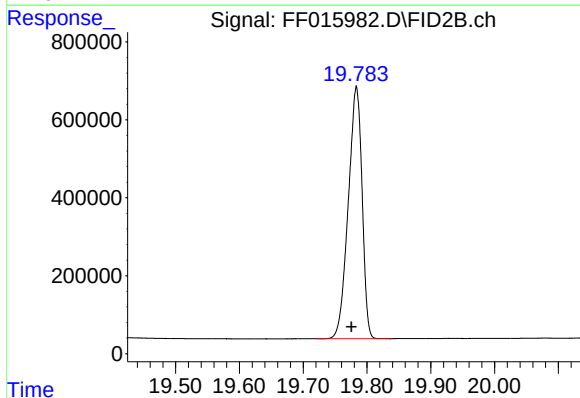
R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 11611725
Conc: 86.91 ug/ml

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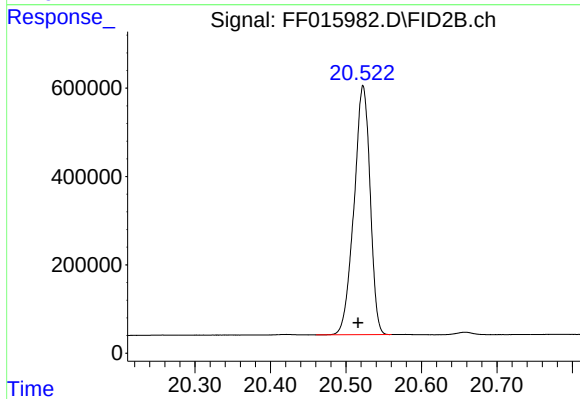
#18 n-Dotriacontane (C32)

R.T.: 18.998 min
Delta R.T.: 0.007 min
Response: 10824913
Conc: 86.04 ug/ml



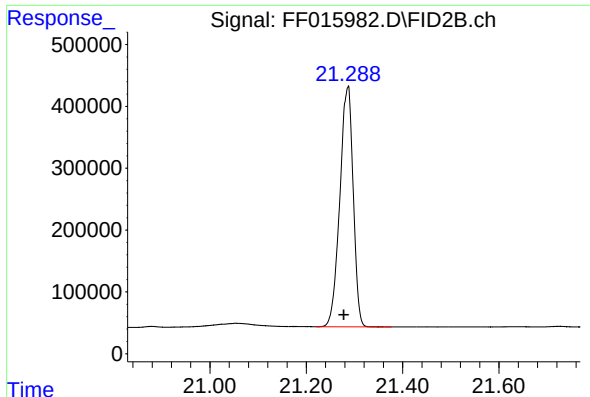
#19 n-Tetratriacontane (C34)

R.T.: 19.783 min
Delta R.T.: 0.008 min
Response: 9724309
Conc: 86.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.523 min
Delta R.T.: 0.007 min
Response: 8345459
Conc: 87.18 ug/ml



#21 n-Octatriacontane (C38)

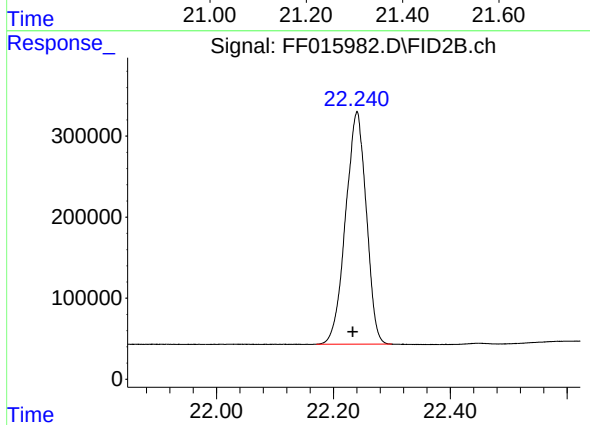
R.T.: 21.286 min
Delta R.T.: 0.008 min
Response: 7520889
Conc: 87.55 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.240 min
Delta R.T.: 0.007 min
Response: 7046974
Conc: 88.88 ug/ml