

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015201.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 16:18
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 20 17:07:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 17:07:40 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)	11.921	811004	5.086 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
12) S 1-chlorooctadecane (S...	13.357	612966	4.996 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
Target Compounds			
1) T n-Nonane (C9)	3.318	668734	5.086 ug/ml
2) T n-Decane (C10)	4.570	681699	5.072 ug/ml
3) T A~Naphthalene (C11.7)	6.271	748749	5.052 ug/ml
4) T n-Dodecane (C12)	6.733	692428	5.074 ug/ml
5) T A~2-methylnaphthalene...	7.364	726387	5.037 ug/ml
6) T n-Tetradecane (C14)	8.558	696440	5.079 ug/ml
7) T n-Hexadecane (C16)	10.163	728700	5.080 ug/ml
8) T n-Octadecane (C18)	11.604	748212	5.081 ug/ml
10) T n-Eicosane (C20)	12.912	728156	5.084 ug/ml
11) T n-Heneicosane (C21)	13.524	718651	5.078 ug/ml
13) T n-Docosane (C22)	14.109	712793	5.054 ug/ml
14) T n-Tetracosane (C24)	15.211	712601	5.048 ug/ml
15) T n-Hexacosane (C26)	16.232	692751	5.026 ug/ml
16) T n-Octacosane (C28)	17.182	670971	4.990 ug/ml
17) T n-Tricontane (C30)	18.067	685694	5.060 ug/ml
18) T n-Dotriacontane (C32)	18.898	665286	5.161 ug/ml
19) T n-Tetratriacontane (C34)	19.681	565191	5.116 ug/ml
20) T n-Hexatriacontane (C36)	20.419	465757	5.032 ug/ml
21) T n-Octatriacontane (C38)	21.152	426239	4.988 ug/ml
22) T n-Tetracontane (C40)	22.061	373545	4.723 ug/ml

(f)=RT Delta > 1/2 Window

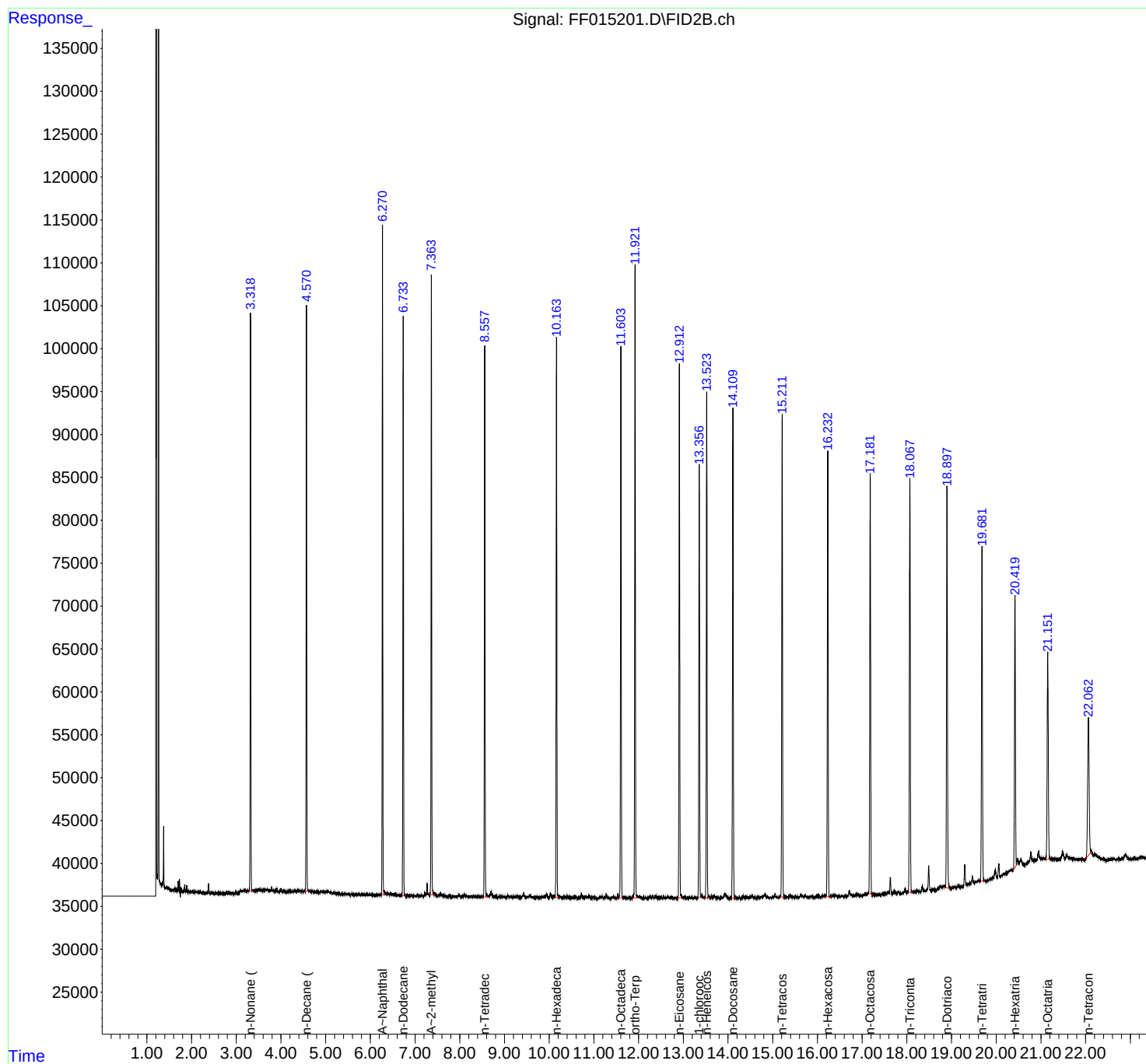
(m)=manual int.

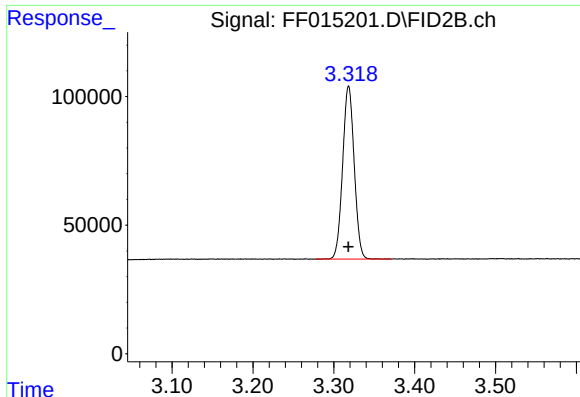
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
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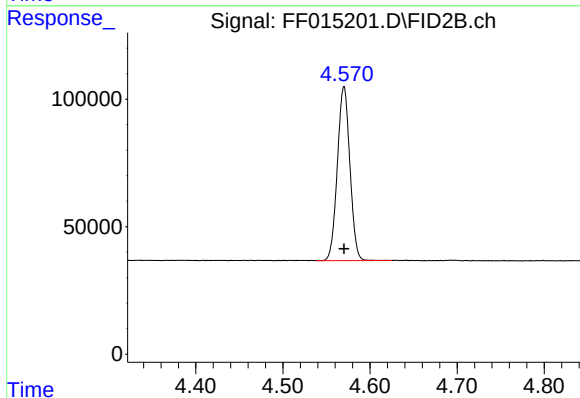




#1 n-Nonane (C9)

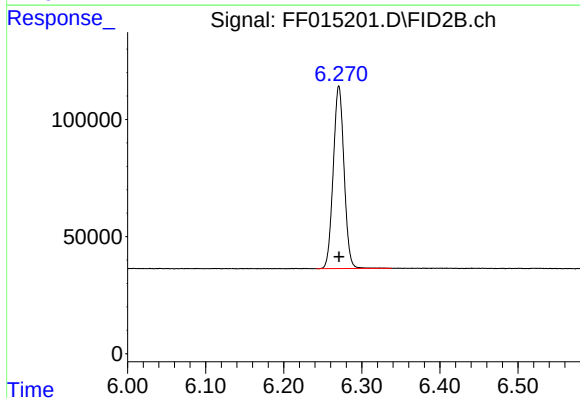
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 668734
Conc: 5.09 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



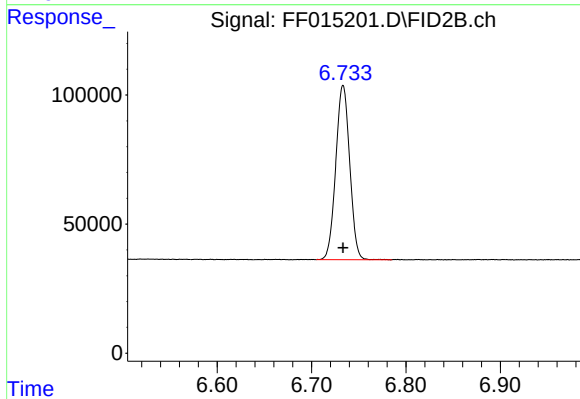
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 681699
Conc: 5.07 ug/ml



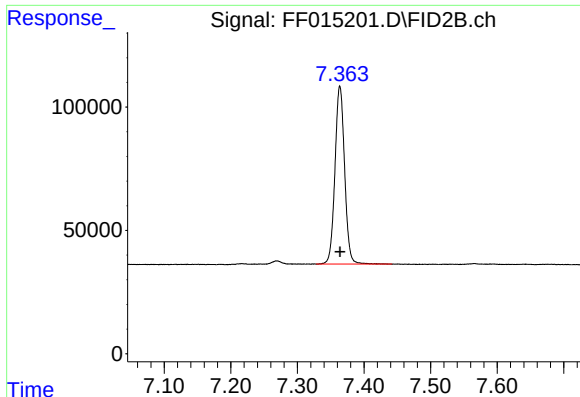
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 748749
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

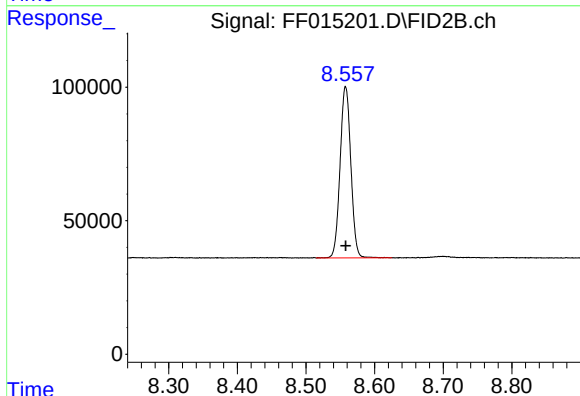
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 692428
Conc: 5.07 ug/ml



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

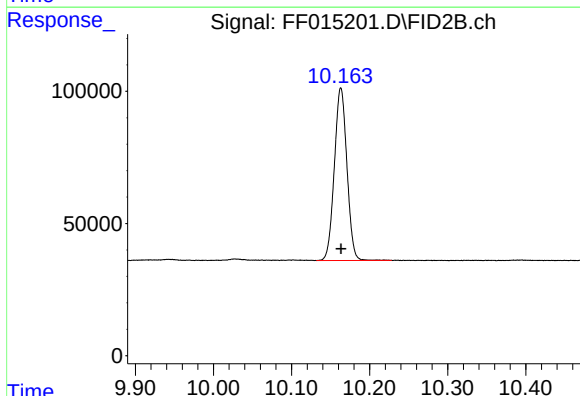
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 726387
Conc: 5.04 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



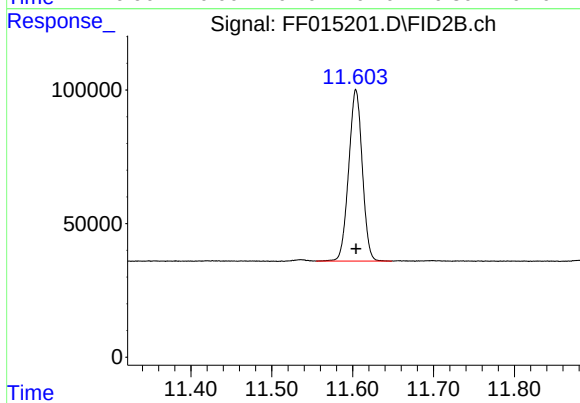
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 696440
Conc: 5.08 ug/ml



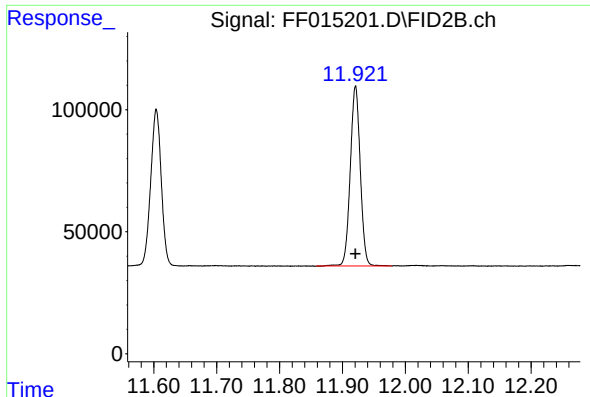
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 728700
Conc: 5.08 ug/ml



#8 n-Octadecane (C18)

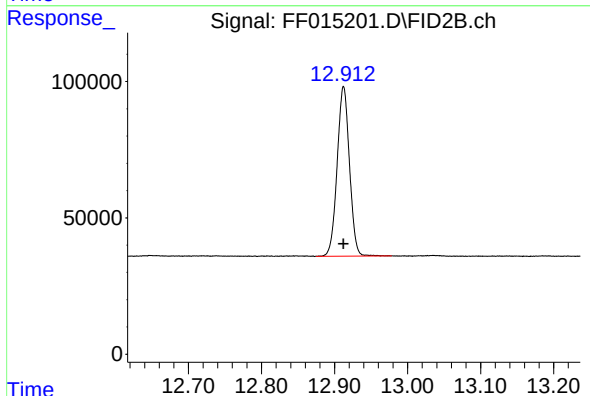
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 748212
Conc: 5.08 ug/ml



#9 ortho-Terphenyl (SURR)

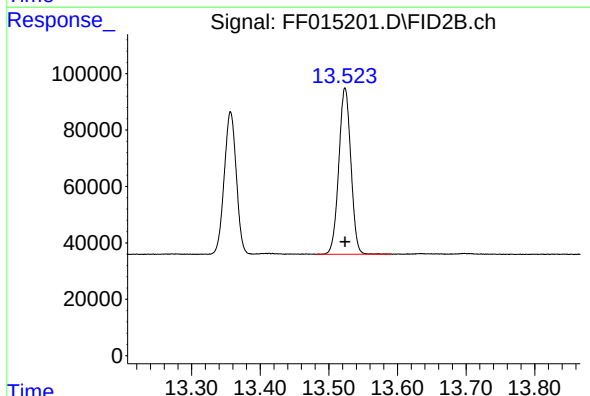
R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 811004
Conc: 5.09 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



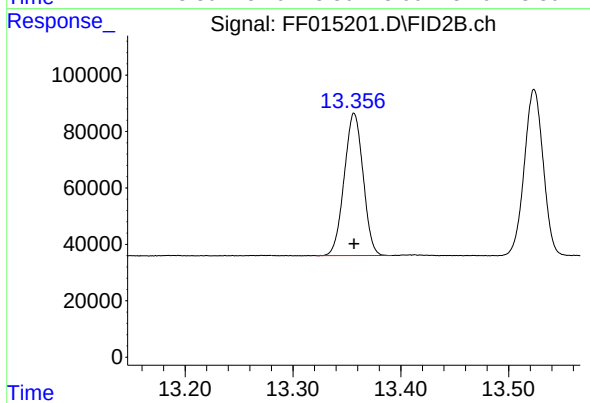
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.000 min
Response: 728156
Conc: 5.08 ug/ml



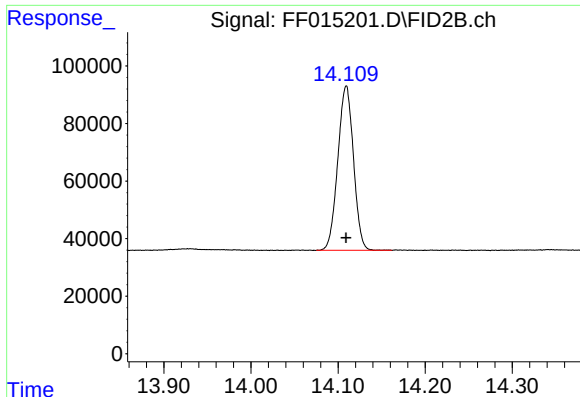
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.000 min
Response: 718651
Conc: 5.08 ug/ml



#12 1-chlorooctadecane (SURR)

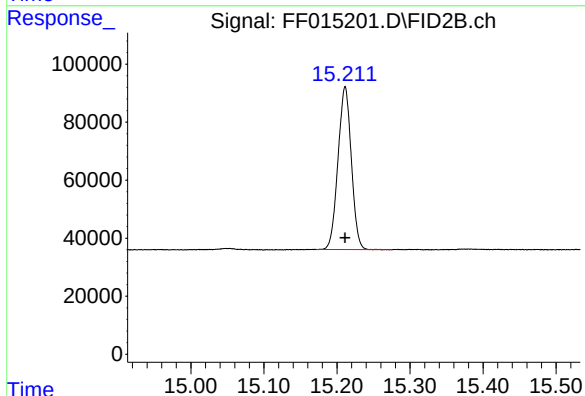
R.T.: 13.357 min
Delta R.T.: 0.000 min
Response: 612966
Conc: 5.00 ug/ml



#13 n-Docosane (C22)

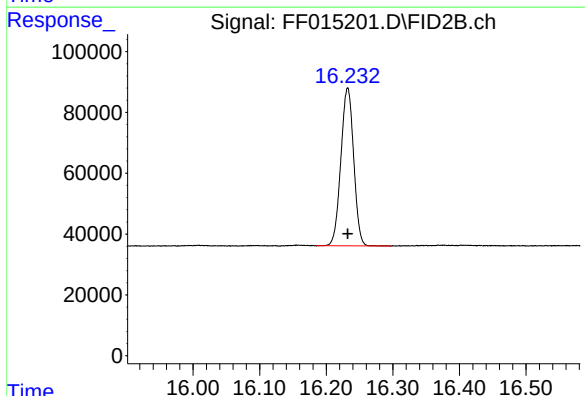
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 712793
Conc: 5.05 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



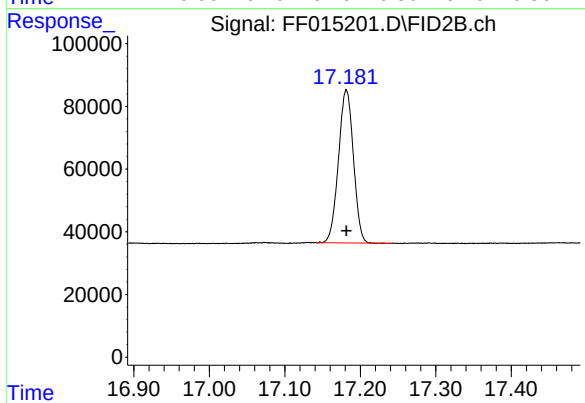
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 712601
Conc: 5.05 ug/ml



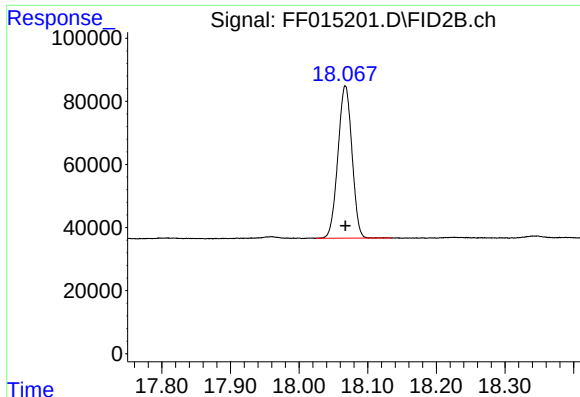
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 692751
Conc: 5.03 ug/ml



#16 n-Octacosane (C28)

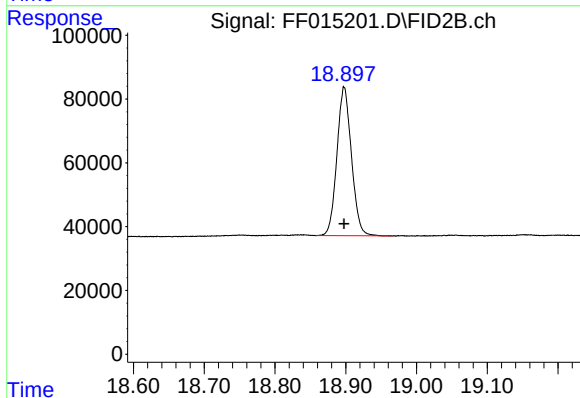
R.T.: 17.182 min
Delta R.T.: 0.000 min
Response: 670971
Conc: 4.99 ug/ml



#17 n-Tricontane (C30)

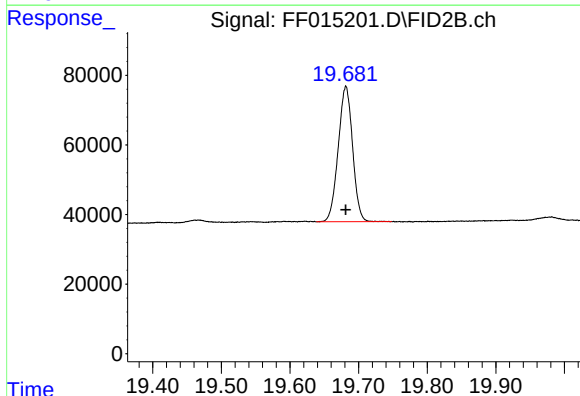
R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 685694
Conc: 5.06 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



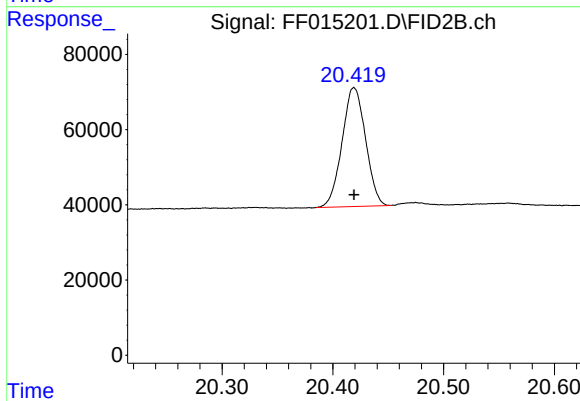
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: 0.000 min
Response: 665286
Conc: 5.16 ug/ml



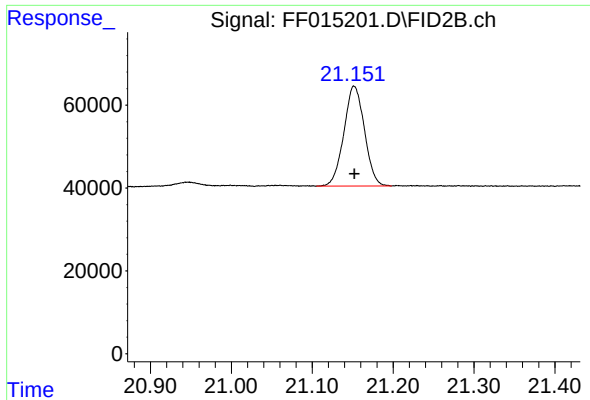
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.000 min
Response: 565191
Conc: 5.12 ug/ml



#20 n-Hexatriacontane (C36)

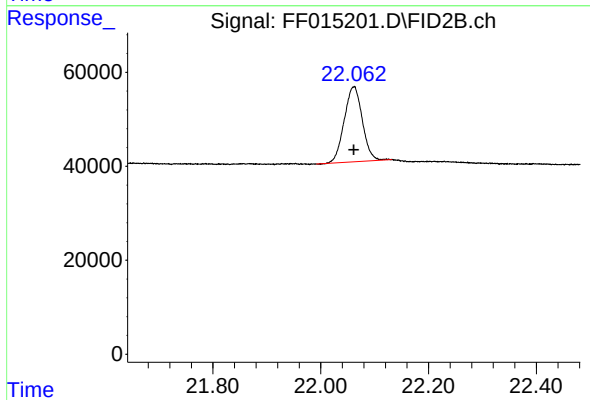
R.T.: 20.419 min
Delta R.T.: 0.000 min
Response: 465757
Conc: 5.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 426239
Conc: 4.99 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: 0.000 min
Response: 373545
Conc: 4.72 ug/ml