

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015158.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 14:45
 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: Dec 10 16:50:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:48:15 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)	11.928	13008880	97.995 ug/ml
Spiked Amount 50.000		Recovery =	195.99%
12) S 1-chlorooctadecane (S...	13.360	9225031	99.536 ug/ml
Spiked Amount 50.000		Recovery =	199.07%
Target Compounds			
1) T n-Nonane (C9)	3.321	11826915	97.471 ug/ml
2) T n-Decane (C10)	4.571	12035394	97.502 ug/ml
3) T A~Naphthalene (C11.7)	6.271	12859744	97.879 ug/ml
4) T n-Dodecane (C12)	6.732	12102349	97.649 ug/ml
5) T A~2-methylnaphthalene...	7.365	12263169	98.235 ug/ml
6) T n-Tetradecane (C14)	8.557	11968596	97.810 ug/ml
7) T n-Hexadecane (C16)	10.165	12240038	97.916 ug/ml
8) T n-Octadecane (C18)	11.608	12287915	97.771 ug/ml
10) T n-Eicosane (C20)	12.916	11555644	98.146 ug/ml
11) T n-Heneicosane (C21)	13.529	11276022	98.134 ug/ml
13) T n-Docosane (C22)	14.114	11131891	98.100 ug/ml
14) T n-Tetracosane (C24)	15.217	10989345	97.726 ug/ml
15) T n-Hexacosane (C26)	16.238	10593960	97.473 ug/ml
16) T n-Octacosane (C28)	17.188	10243857	96.629 ug/ml
17) T n-Tricontane (C30)	18.076	10167428	95.356 ug/ml
18) T n-Dotriacontane (C32)	18.909	9581192	94.293 ug/ml
19) T n-Tetratriacontane (C34)	19.690	8307896	93.787 ug/ml
20) T n-Hexatriacontane (C36)	20.430	6958487	94.102 ug/ml
21) T n-Octatriacontane (C38)	21.165	5974182	92.267 ug/ml
22) T n-Tetracontane (C40)	22.072	4780464	87.586 ug/ml

(f)=RT Delta > 1/2 Window

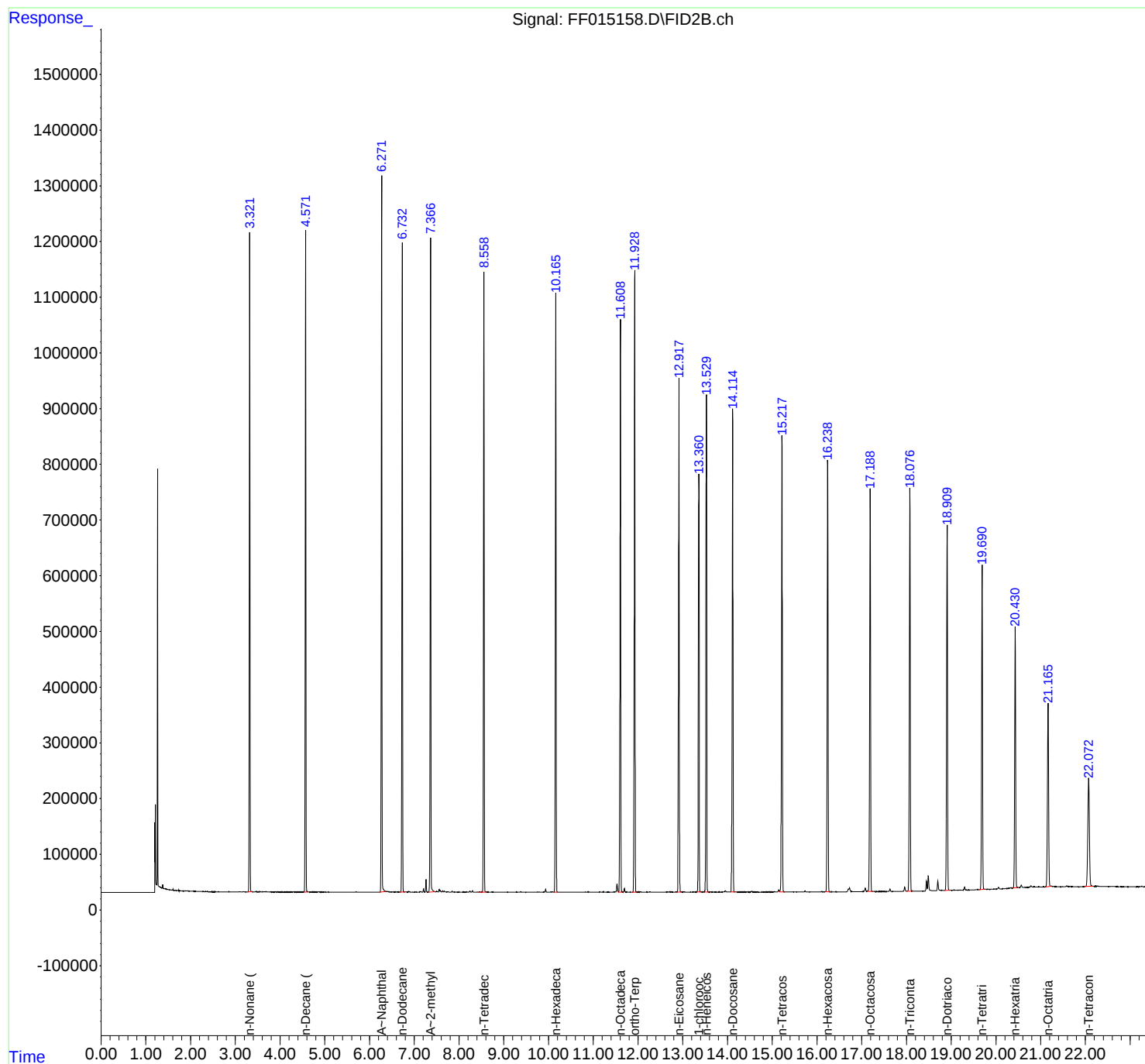
(m)=manual int.

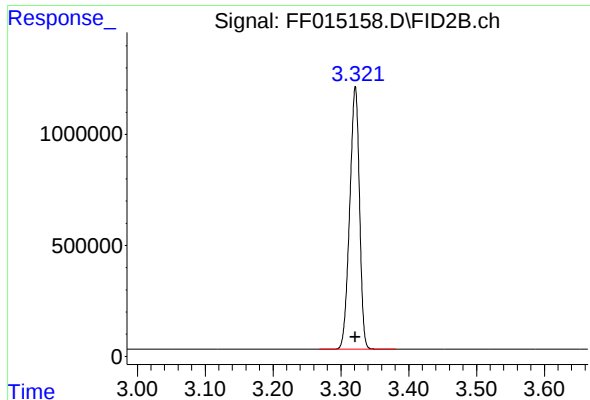
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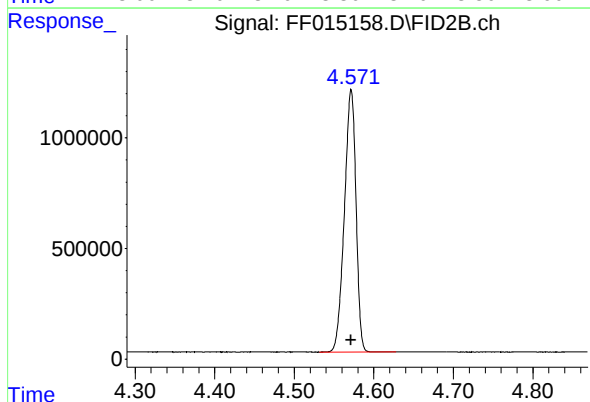




#1 n-Nonane (C9)

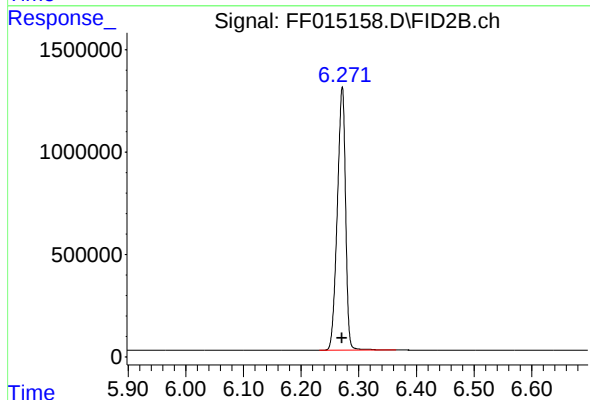
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 11826915
Conc: 97.47 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



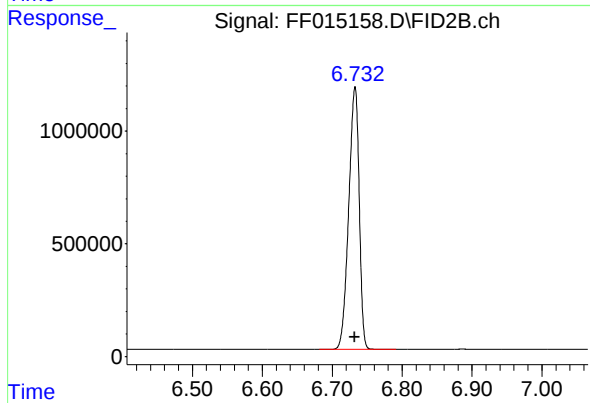
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 12035394
Conc: 97.50 ug/ml



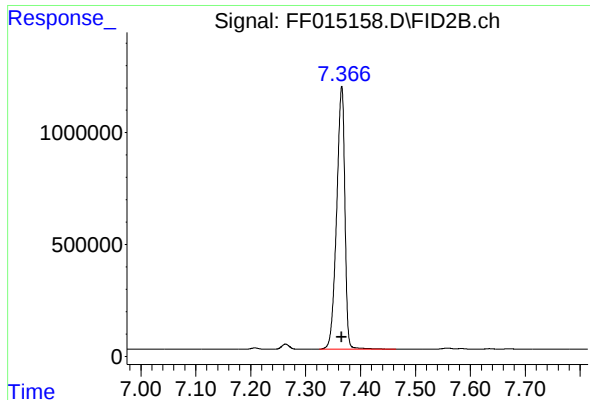
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 12859744
Conc: 97.88 ug/ml



#4 n-Dodecane (C12)

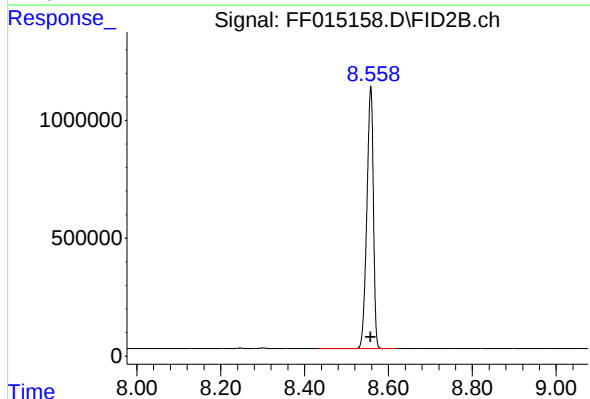
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 12102349
Conc: 97.65 ug/ml



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

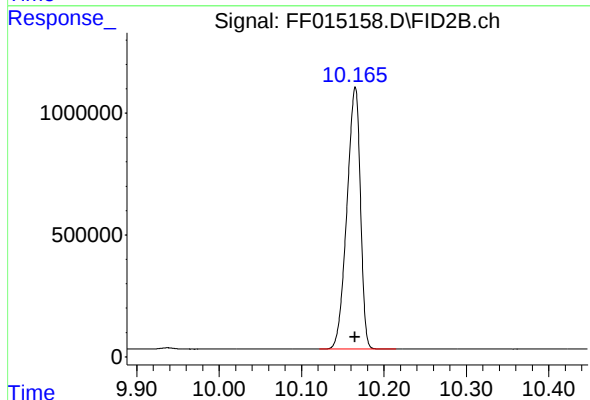
R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 12263169
Conc: 98.24 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



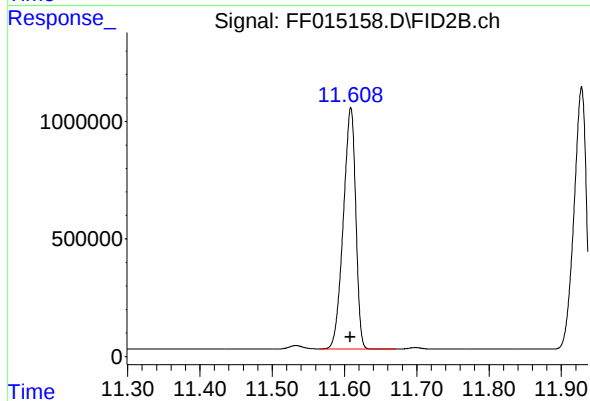
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 11968596
Conc: 97.81 ug/ml



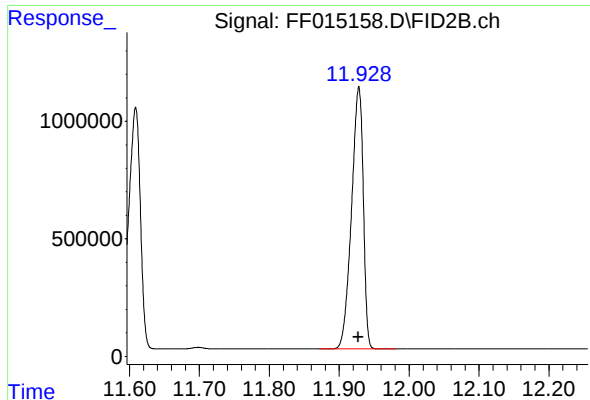
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 12240038
Conc: 97.92 ug/ml



#8 n-Octadecane (C18)

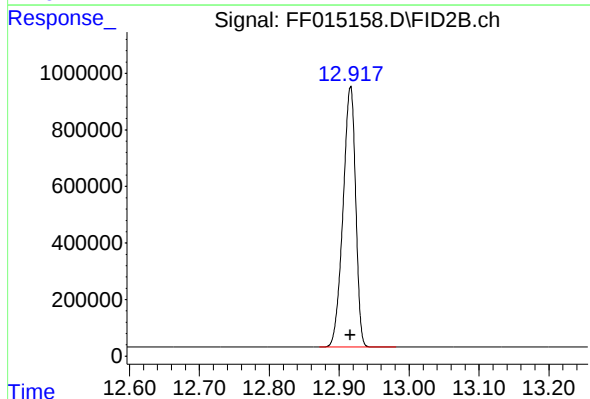
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 12287915
Conc: 97.77 ug/ml



#9 ortho-Terphenyl (SURR)

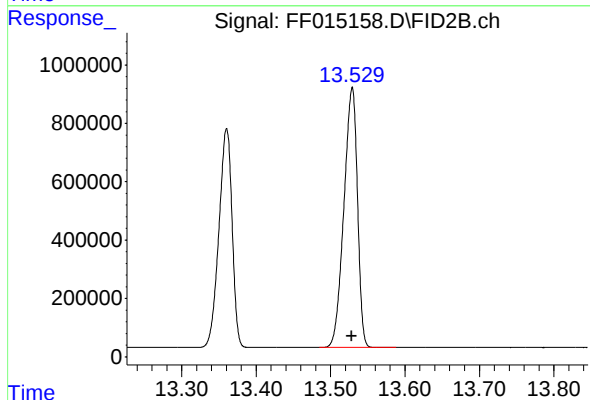
R.T.: 11.928 min
Delta R.T.: 0.000 min
Response: 13008880
Conc: 97.99 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



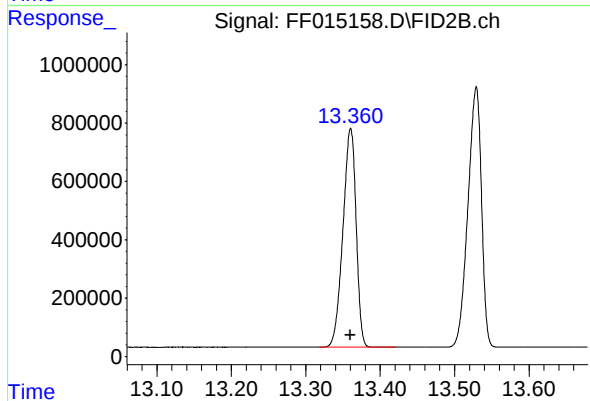
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 11555644
Conc: 98.15 ug/ml



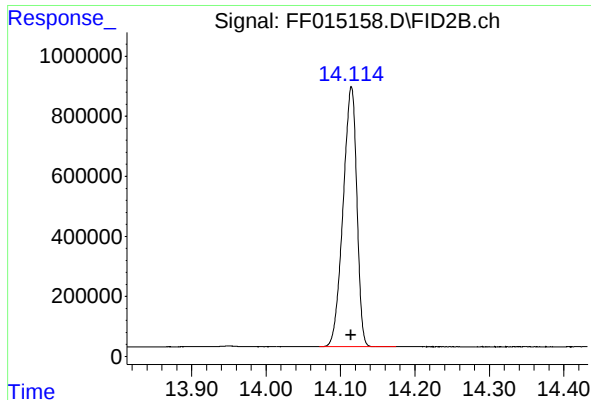
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.000 min
Response: 11276022
Conc: 98.13 ug/ml



#12 1-chlorooctadecane (SURR)

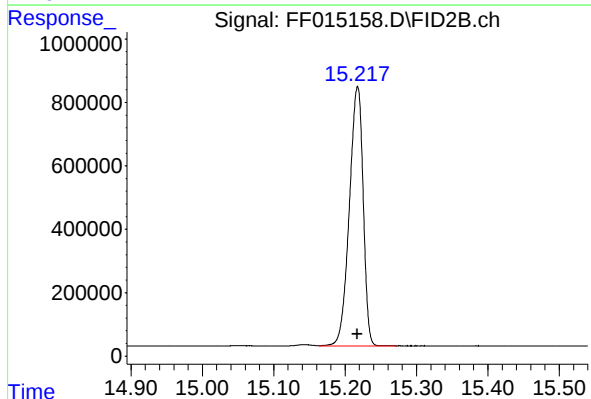
R.T.: 13.360 min
Delta R.T.: 0.000 min
Response: 9225031
Conc: 99.54 ug/ml



#13 n-Docosane (C22)

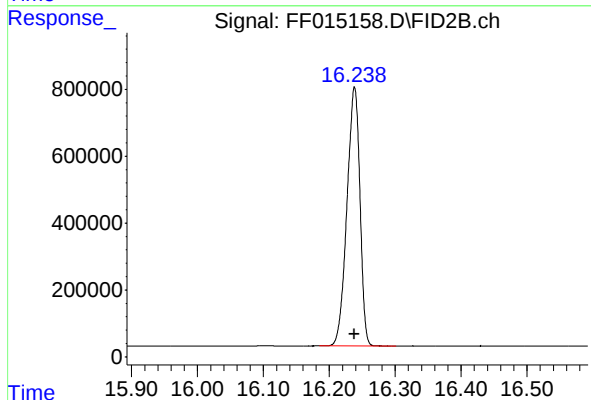
R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 11131891
Conc: 98.10 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



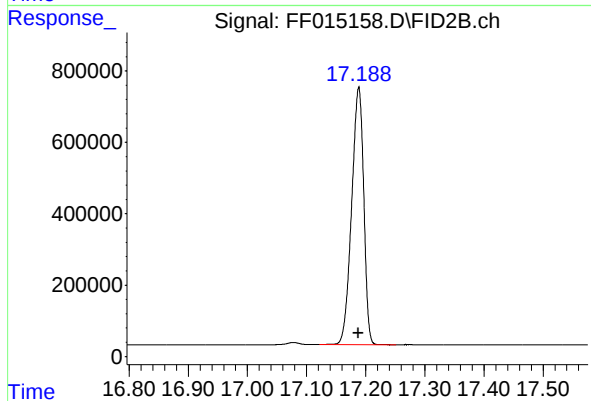
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 10989345
Conc: 97.73 ug/ml



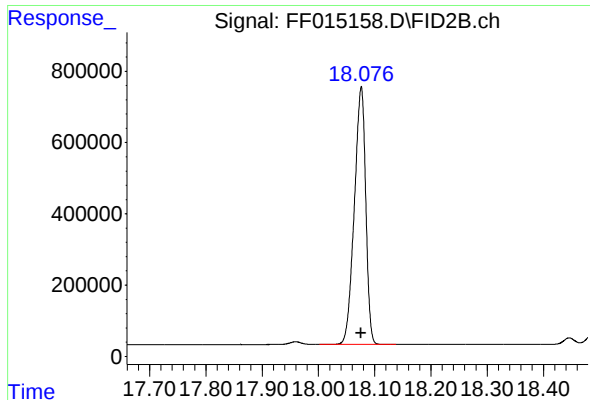
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 10593960
Conc: 97.47 ug/ml



#16 n-Octacosane (C28)

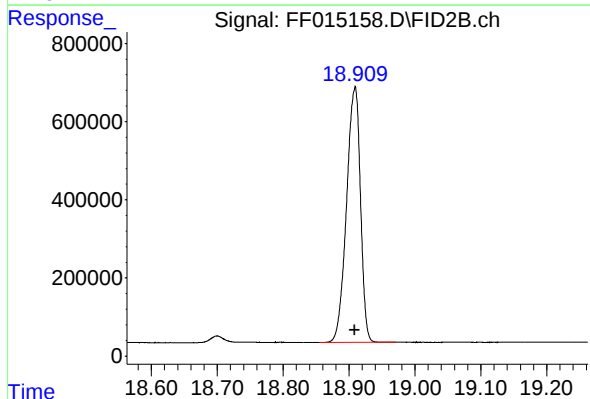
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 10243857
Conc: 96.63 ug/ml



#17 n-Tricontane (C30)

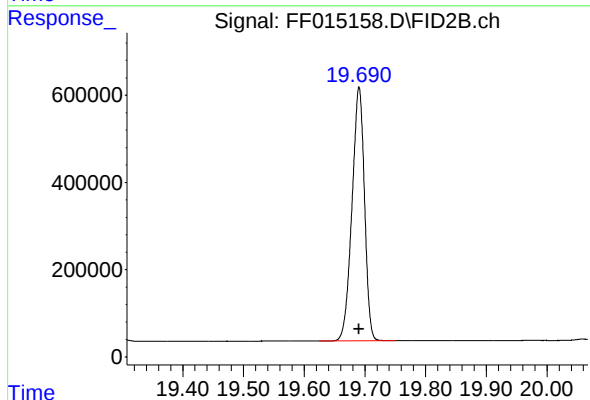
R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 10167428
Conc: 95.36 ug/ml

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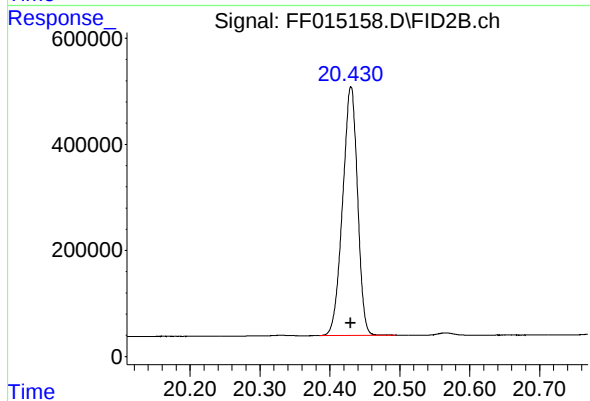
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 9581192
Conc: 94.29 ug/ml



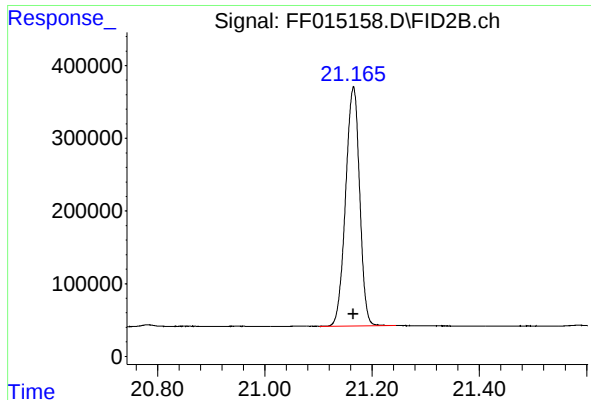
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.000 min
Response: 8307896
Conc: 93.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 6958487
Conc: 94.10 ug/ml



#21 n-Octatriacontane (C38)

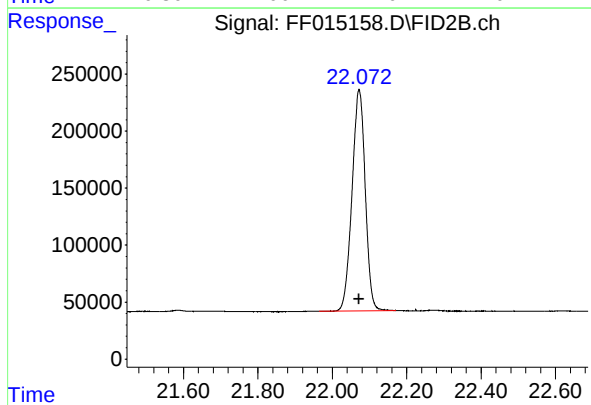
R.T.: 21.165 min
Delta R.T.: 0.000 min
Response: 5974182
Conc: 92.27 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.000 min
Response: 4780464
Conc: 87.59 ug/ml