

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015985.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2025 00:51
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 16 03:09:49 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)	11.998	1413557	9.313 ug/ml
Spiked Amount 50.000		Recovery =	18.63%
12) S 1-chlorooctadecane (S...	13.436	1091501	9.229 ug/ml
Spiked Amount 50.000		Recovery =	18.46%
Target Compounds			
1) T n-Nonane (C9)	3.368	1158423	9.351 ug/ml
2) T n-Decane (C10)	4.625	1181586	9.345 ug/ml
3) T A~Naphthalene (C11.7)	6.332	1297681	9.341 ug/ml
4) T n-Dodecane (C12)	6.798	1194606	9.352 ug/ml
5) T A~2-methylnaphthalene...	7.430	1263797	9.345 ug/ml
6) T n-Tetradecane (C14)	8.628	1202549	9.399 ug/ml
7) T n-Hexadecane (C16)	10.236	1245790	9.339 ug/ml
8) T n-Octadecane (C18)	11.680	1281391	9.337 ug/ml
10) T n-Eicosane (C20)	12.991	1259547	9.323 ug/ml
11) T n-Heneicosane (C21)	13.603	1243757	9.266 ug/ml
13) T n-Docosane (C22)	14.190	1245352	9.210 ug/ml
14) T n-Tetracosane (C24)	15.294	1259091	9.156 ug/ml
15) T n-Hexacosane (C26)	16.316	1238008	9.114 ug/ml
16) T n-Octacosane (C28)	17.267	1213634	9.097 ug/ml
17) T n-Tricontane (C30)	18.156	1213628	9.083 ug/ml
18) T n-Dotriacontane (C32)	18.990	1153269	9.166 ug/ml
19) T n-Tetratriacontane (C34)	19.775	1026169	9.115 ug/ml
20) T n-Hexatriacontane (C36)	20.516	870298	9.091 ug/ml
21) T n-Octatriacontane (C38)	21.278	795591	9.262 ug/ml
22) T n-Tetracontane (C40)	22.232	717887	9.055 ug/ml

(f)=RT Delta > 1/2 Window

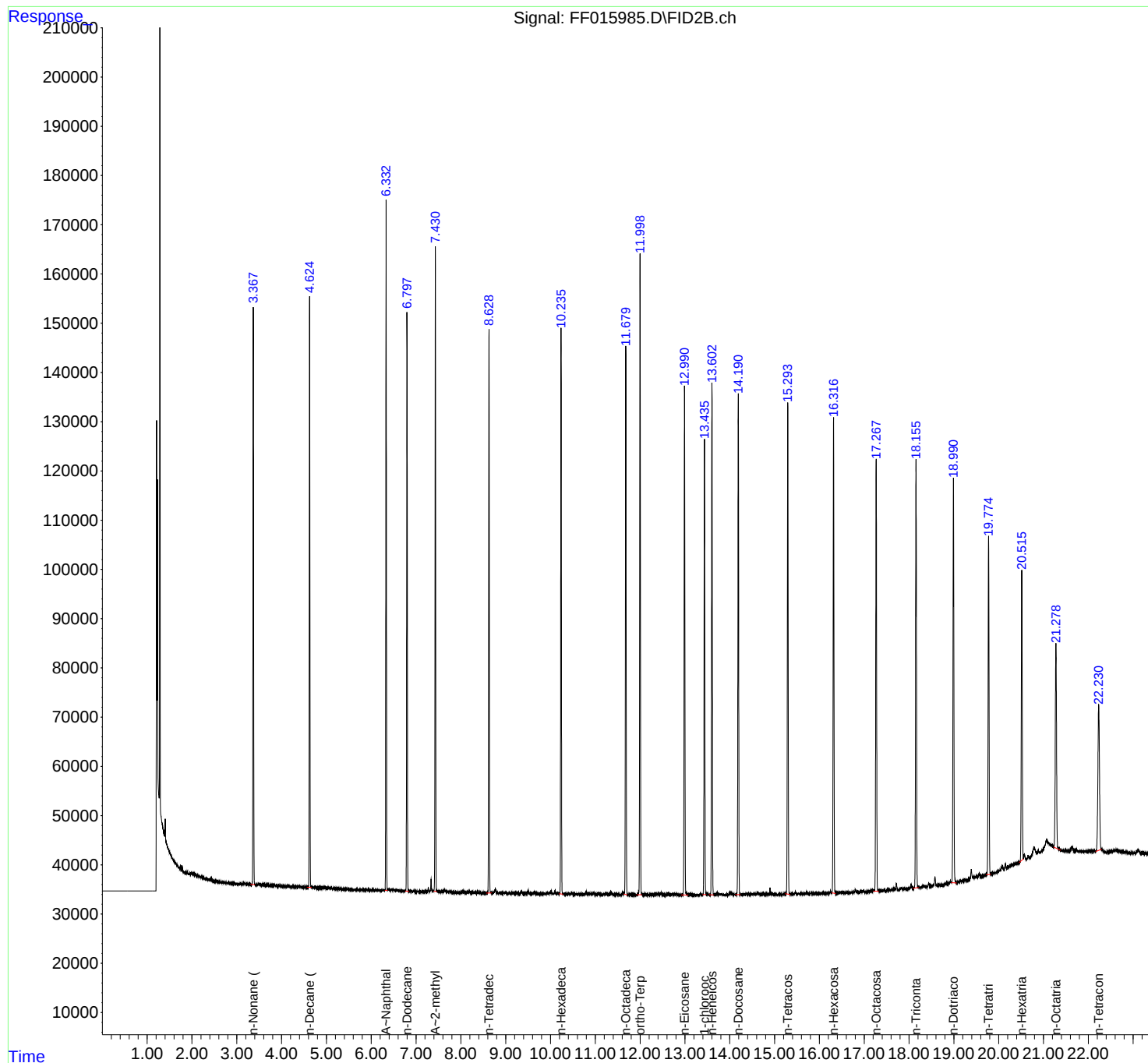
(m)=manual int.

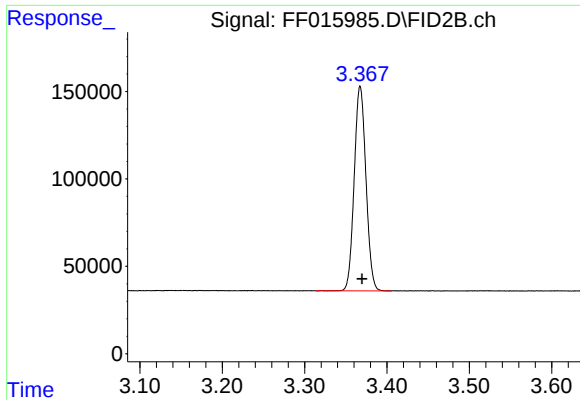
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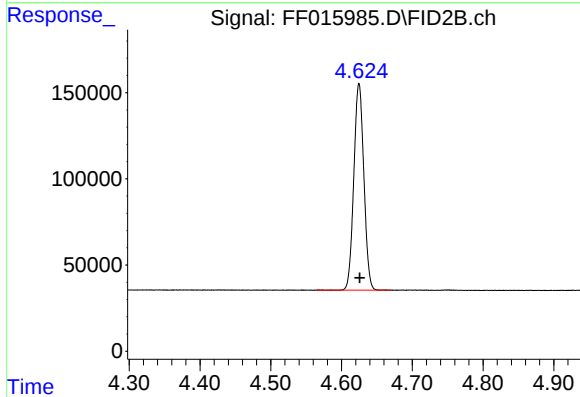




#1 n-Nonane (C9)

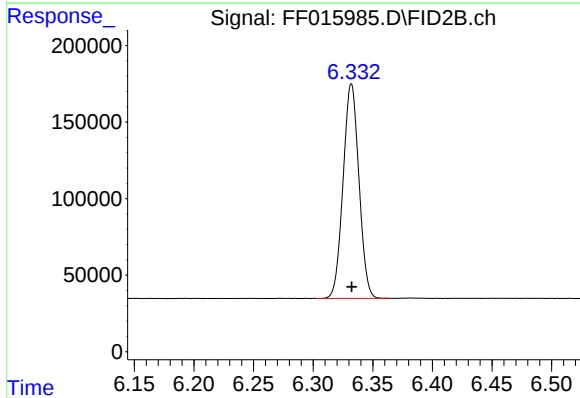
R.T.: 3.368 min
Delta R.T.: -0.002 min
Response: 1158423
Conc: 9.35 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



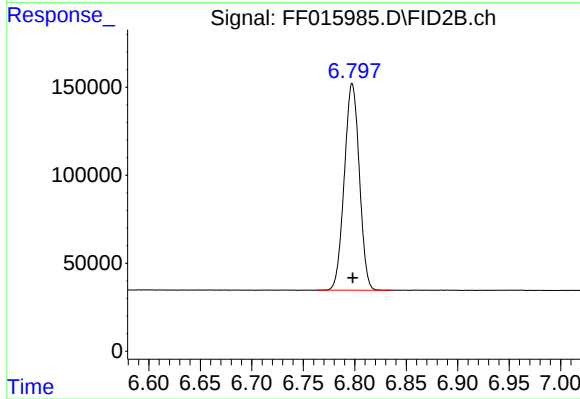
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 1181586
Conc: 9.35 ug/ml



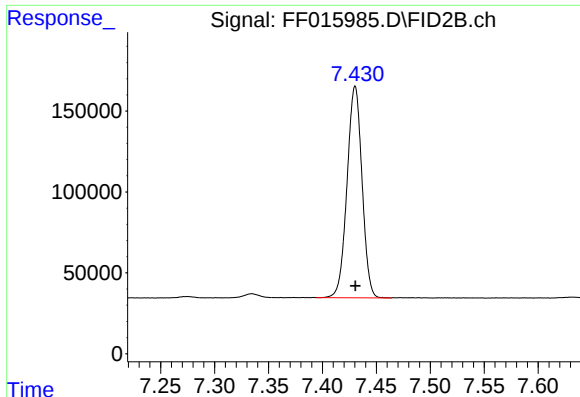
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 1297681
Conc: 9.34 ug/ml



#4 n-Dodecane (C12)

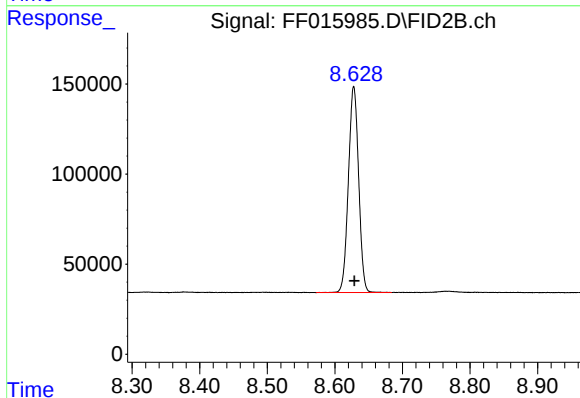
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 1194606
Conc: 9.35 ug/ml



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

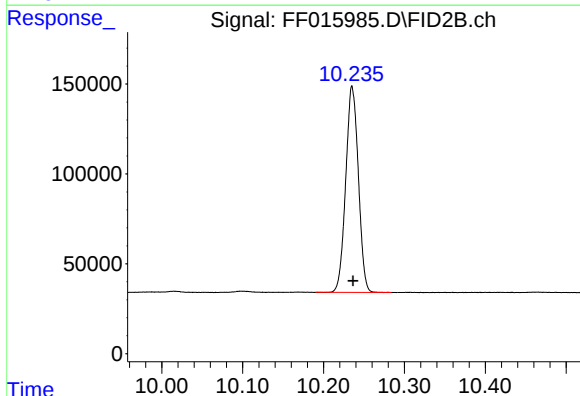
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 1263797
Conc: 9.35 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



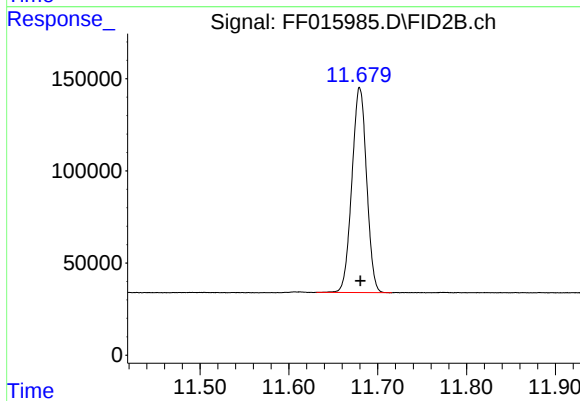
#6 n-Tetradecane (C14)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 1202549
Conc: 9.40 ug/ml



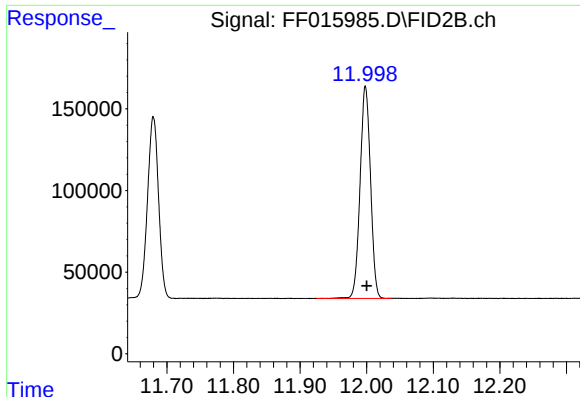
#7 n-Hexadecane (C16)

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 1245790
Conc: 9.34 ug/ml



#8 n-Octadecane (C18)

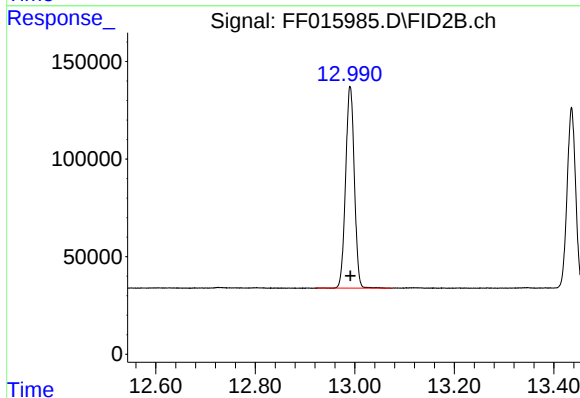
R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 1281391
Conc: 9.34 ug/ml



#9 ortho-Terphenyl (SURR)

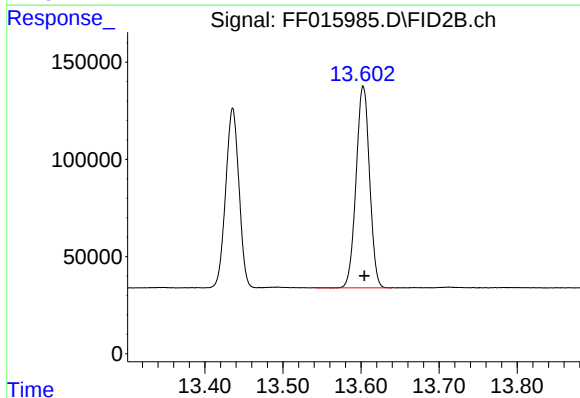
R.T.: 11.998 min
Delta R.T.: -0.002 min
Response: 1413557
Conc: 9.31 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



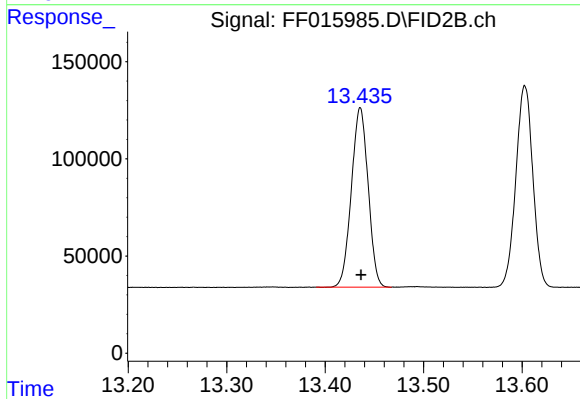
#10 n-Eicosane (C20)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 1259547
Conc: 9.32 ug/ml



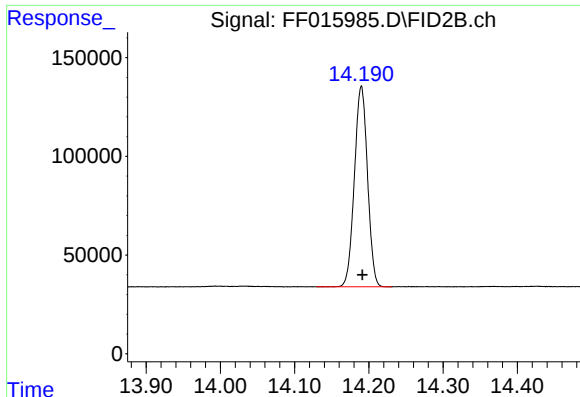
#11 n-Heneicosane (C21)

R.T.: 13.603 min
Delta R.T.: -0.001 min
Response: 1243757
Conc: 9.27 ug/ml



#12 1-chlorooctadecane (SURR)

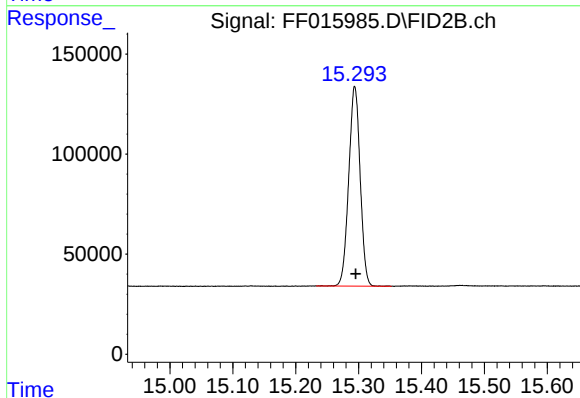
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 1091501
Conc: 9.23 ug/ml



#13 n-Docosane (C22)

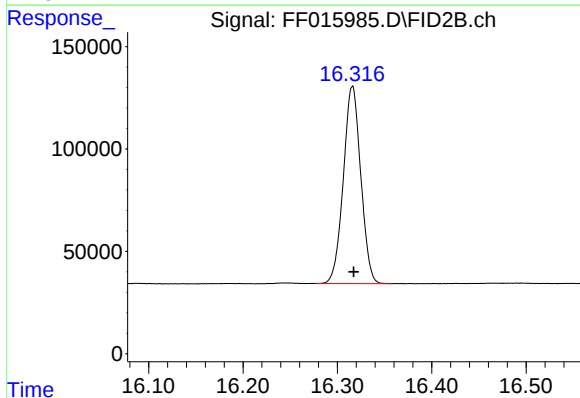
R.T.: 14.190 min
Delta R.T.: -0.001 min
Response: 1245352
Conc: 9.21 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



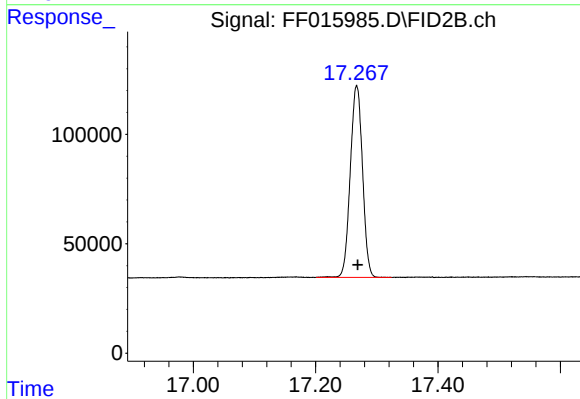
#14 n-Tetracosane (C24)

R.T.: 15.294 min
Delta R.T.: -0.001 min
Response: 1259091
Conc: 9.16 ug/ml



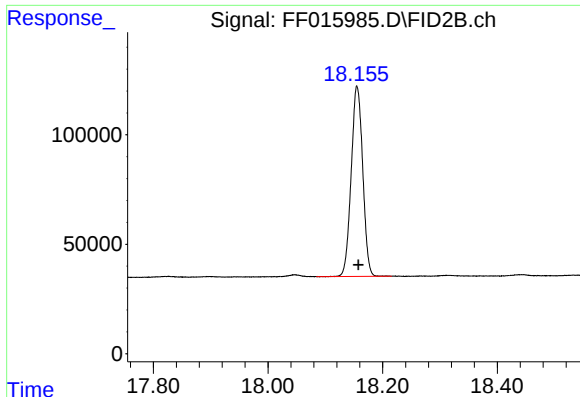
#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: -0.001 min
Response: 1238008
Conc: 9.11 ug/ml



#16 n-Octacosane (C28)

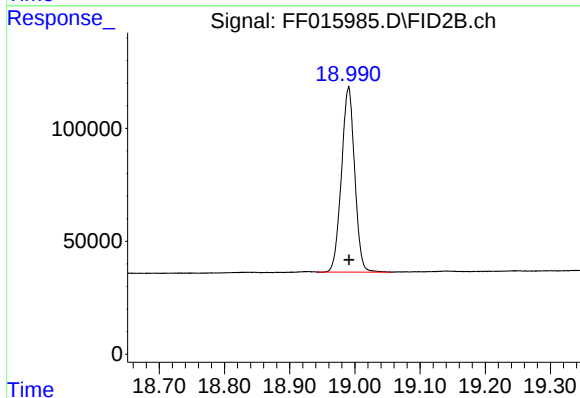
R.T.: 17.267 min
Delta R.T.: -0.002 min
Response: 1213634
Conc: 9.10 ug/ml



#17 n-Tricontane (C30)

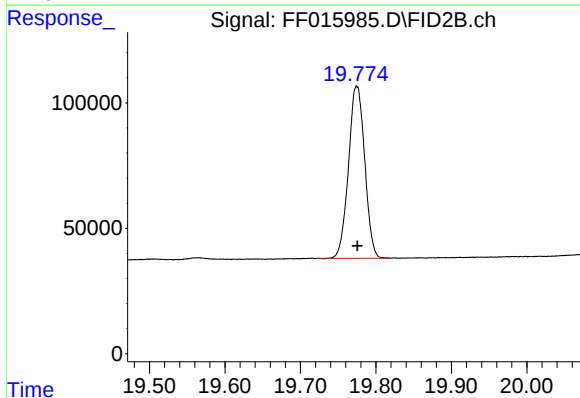
R.T.: 18.156 min
Delta R.T.: -0.002 min
Response: 1213628
Conc: 9.08 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



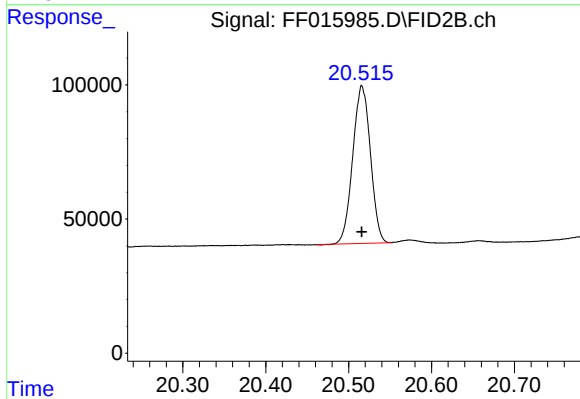
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.001 min
Response: 1153269
Conc: 9.17 ug/ml



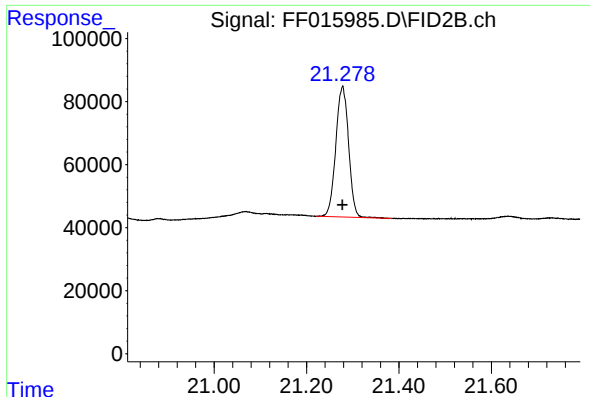
#19 n-Tetratriacontane (C34)

R.T.: 19.775 min
Delta R.T.: 0.000 min
Response: 1026169
Conc: 9.12 ug/ml



#20 n-Hexatriacontane (C36)

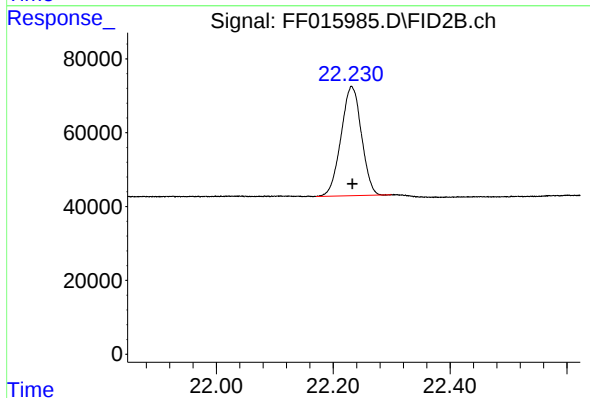
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 870298
Conc: 9.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.278 min
Delta R.T.: 0.000 min
Response: 795591
Conc: 9.26 ug/ml

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FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.232 min
Delta R.T.: -0.001 min
Response: 717887
Conc: 9.05 ug/ml