

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010479.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 12:24
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: sample.E
 Quant Time: May 03 12:58:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 12:52:10 2022
 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)	10.853	1494685	11.408 ug/ml
Spiked Amount 50.000		Recovery =	22.82%
12) S 1-chlorooctadecane (S...	12.291	1181209	11.357 ug/ml
Spiked Amount 50.000		Recovery =	22.71%
Target Compounds			
1) T n-Nonane (C9)	2.716	1284094	11.382 ug/ml
2) T n-Decane (C10)	3.723	1270135	11.312 ug/ml
3) T A~Naphthalene (C11.7)	5.282	1437829	11.319 ug/ml
4) T n-Dodecane (C12)	5.709	1296075	11.275 ug/ml
5) T A~2-methylnaphthalene...	6.329	1444792	11.167 ug/ml
6) T n-Tetradecane (C14)	7.499	1299206	11.172 ug/ml
7) T n-Hexadecane (C16)	9.099	1330422	11.247 ug/ml
8) T n-Octadecane (C18)	10.539	1359018	11.315 ug/ml
10) T n-Eicosane (C20)	11.847	1363851	11.393 ug/ml
11) T n-Heneicosane (C21)	12.458	1366622	11.394 ug/ml
13) T n-Docosane (C22)	13.044	1358927	11.381 ug/ml
14) T n-Tetracosane (C24)	14.146	1336630	11.384 ug/ml
15) T n-Hexacosane (C26)	15.165	1290764	11.380 ug/ml
16) T n-Octacosane (C28)	16.114	1237764	11.382 ug/ml
17) T n-Tricontane (C30)	17.000	1185658	11.478 ug/ml
18) T n-Dotriacontane (C32)	17.831	1130692	11.698 ug/ml
19) T n-Tetratriacontane (C34)	18.611	1019491	11.674 ug/ml
20) T n-Hexatriacontane (C36)	19.349	955243	12.074 ug/ml
21) T n-Octatriacontane (C38)	20.070	854005	12.139 ug/ml
22) T n-Tetracontane (C40)	20.943	855867	12.283 ug/ml

(f)=RT Delta > 1/2 Window

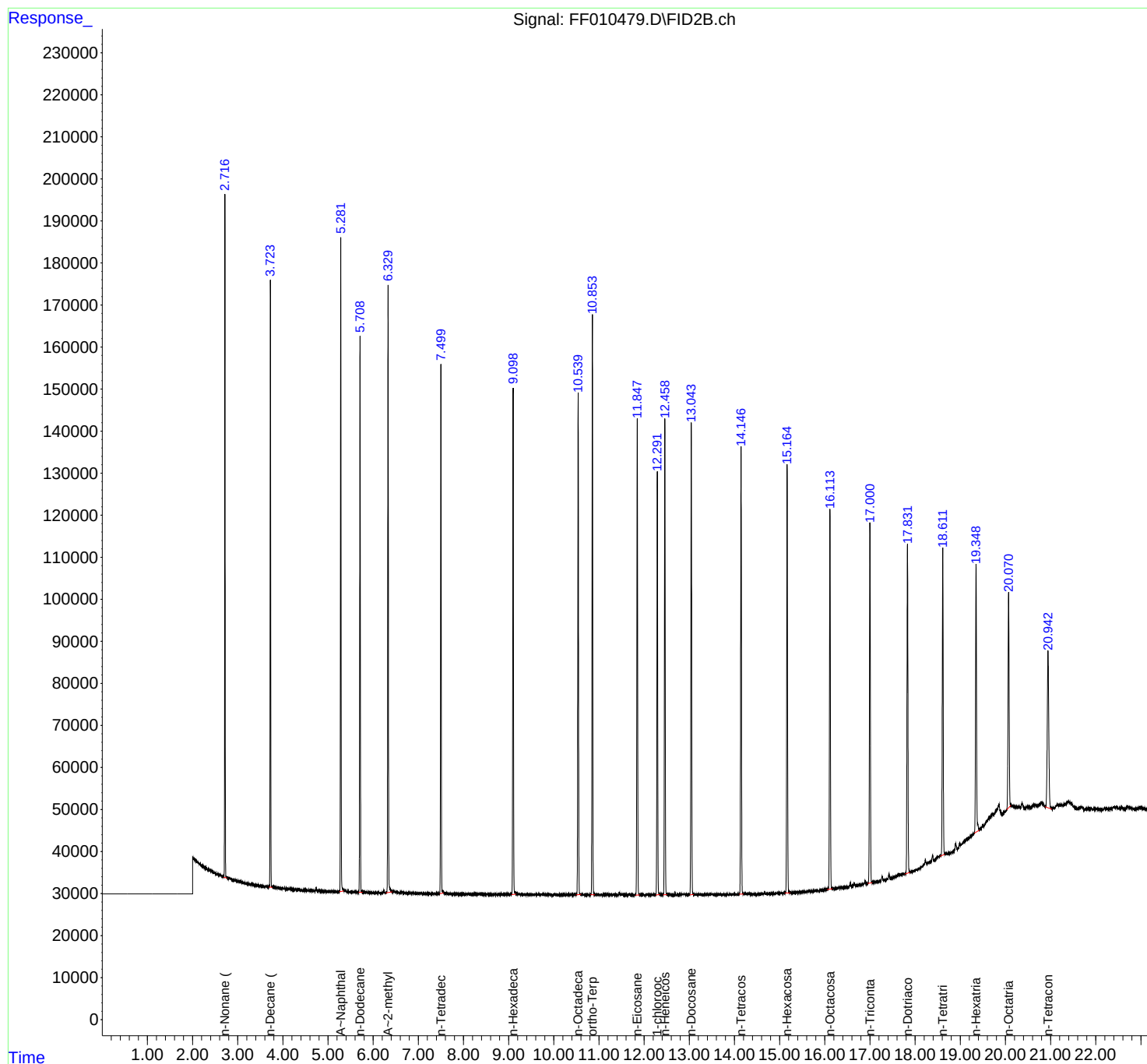
(m)=manual int.

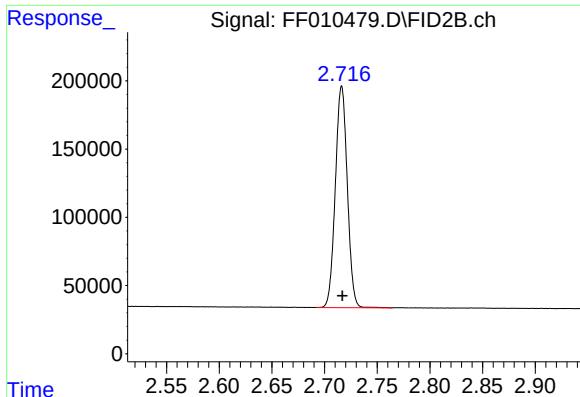
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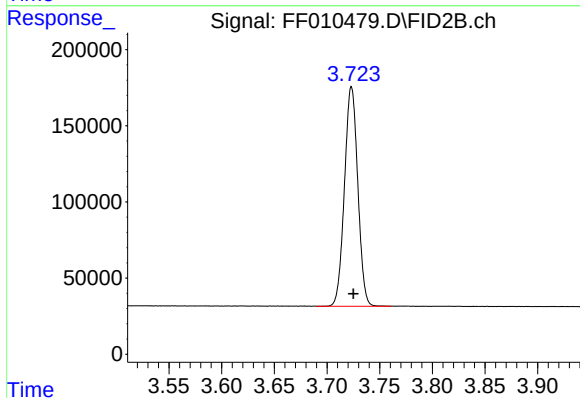




#1 n-Nonane (C9)

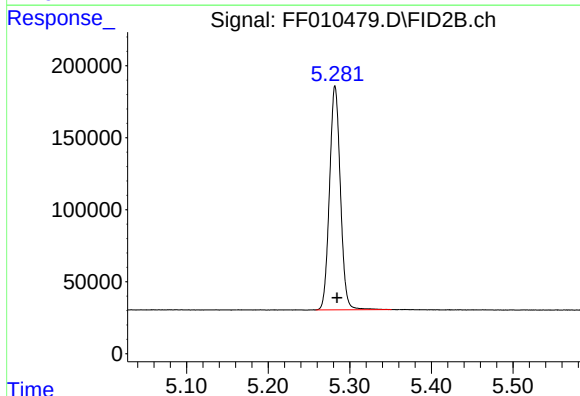
R.T.: 2.716 min
Delta R.T.: 0.000 min
Response: 1284094
Conc: 11.38 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



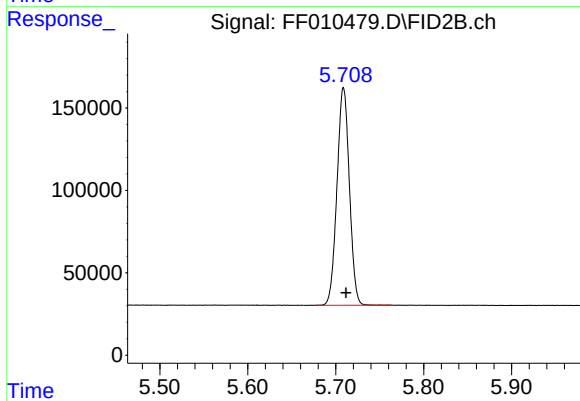
#2 n-Decane (C10)

R.T.: 3.723 min
Delta R.T.: -0.002 min
Response: 1270135
Conc: 11.31 ug/ml



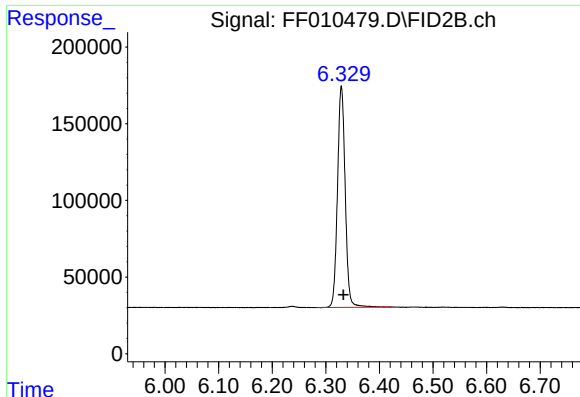
#3 A~Naphthalene (C11.7)

R.T.: 5.282 min
Delta R.T.: -0.002 min
Response: 1437829
Conc: 11.32 ug/ml



#4 n-Dodecane (C12)

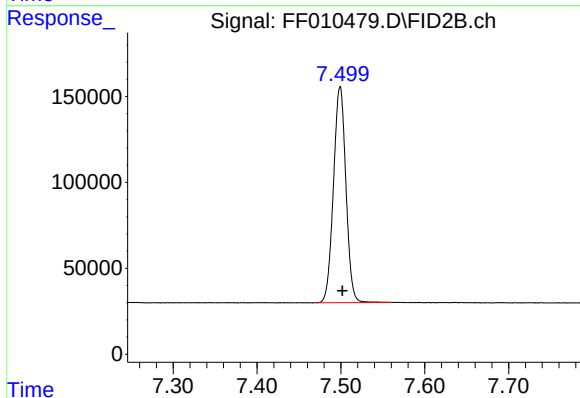
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 1296075
Conc: 11.28 ug/ml



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

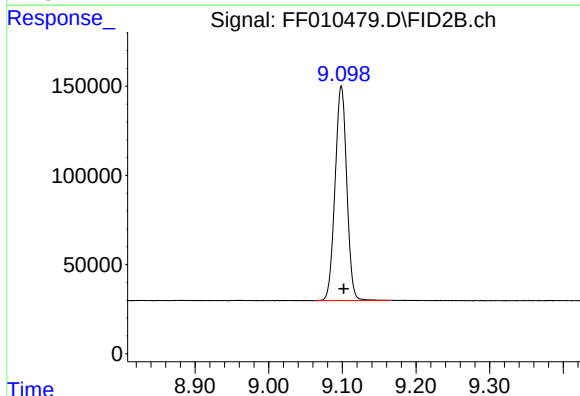
R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 1444792
Conc: 11.17 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



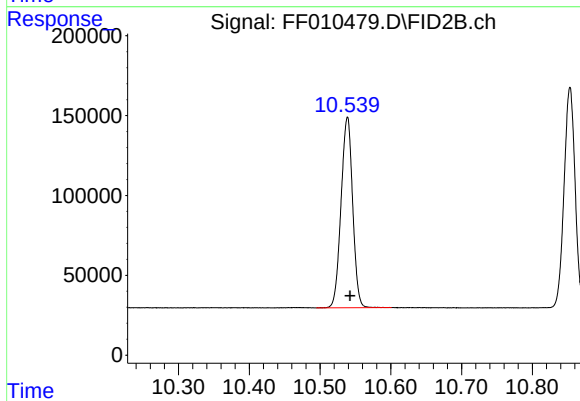
#6 n-Tetradecane (C14)

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 1299206
Conc: 11.17 ug/ml



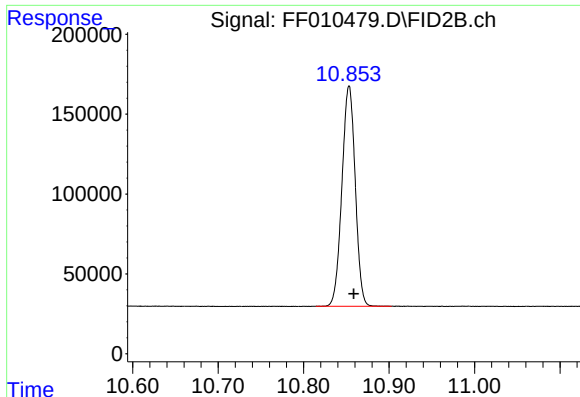
#7 n-Hexadecane (C16)

R.T.: 9.099 min
Delta R.T.: -0.003 min
Response: 1330422
Conc: 11.25 ug/ml



#8 n-Octadecane (C18)

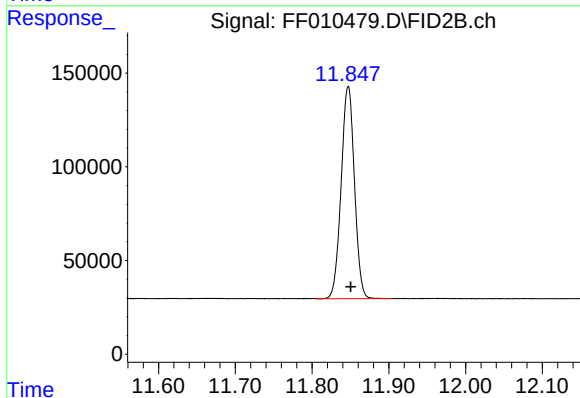
R.T.: 10.539 min
Delta R.T.: -0.004 min
Response: 1359018
Conc: 11.32 ug/ml



#9 ortho-Terphenyl (SURR)

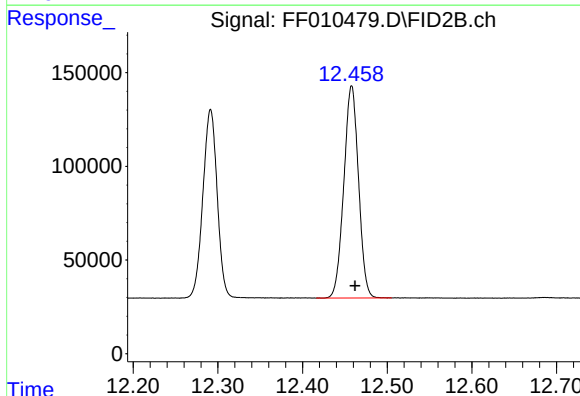
R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 1494685
Conc: 11.41 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



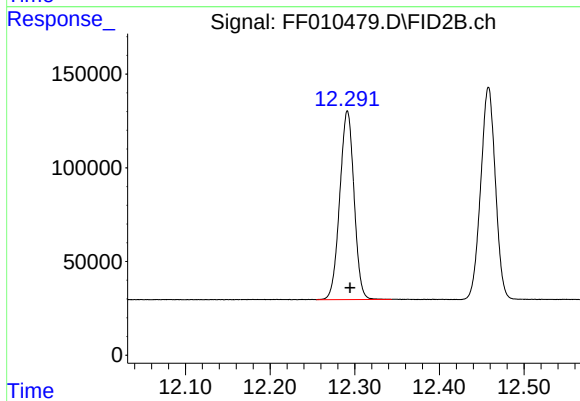
#10 n-Eicosane (C20)

R.T.: 11.847 min
Delta R.T.: -0.003 min
Response: 1363851
Conc: 11.39 ug/ml



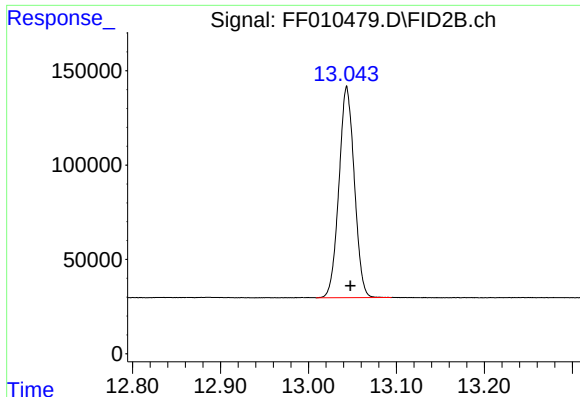
#11 n-Heneicosane (C21)

R.T.: 12.458 min
Delta R.T.: -0.004 min
Response: 1366622
Conc: 11.39 ug/ml



#12 1-chlorooctadecane (SURR)

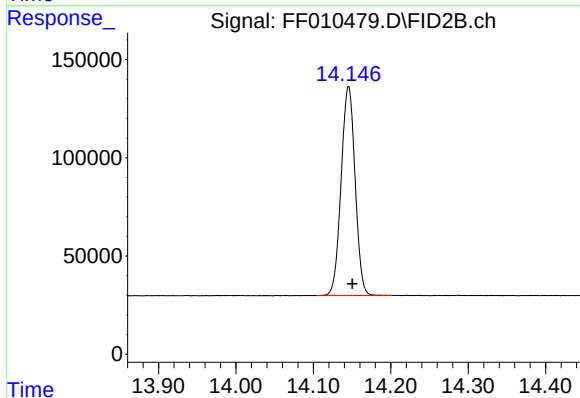
R.T.: 12.291 min
Delta R.T.: -0.003 min
Response: 1181209
Conc: 11.36 ug/ml



#13 n-Docosane (C22)

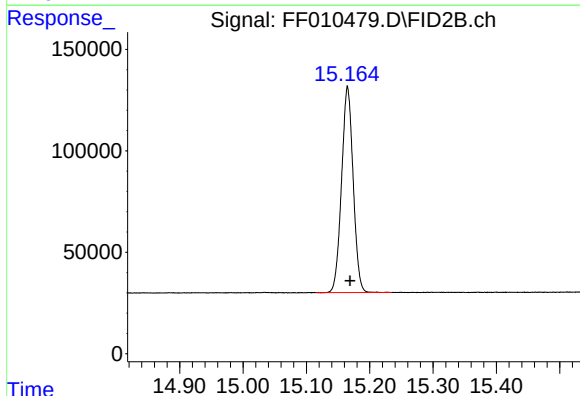
R.T.: 13.044 min
Delta R.T.: -0.004 min
Response: 1358927
Conc: 11.38 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



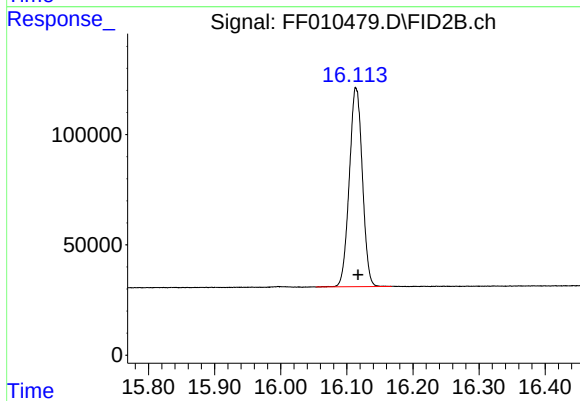
#14 n-Tetracosane (C24)

R.T.: 14.146 min
Delta R.T.: -0.005 min
Response: 1336630
Conc: 11.38 ug/ml



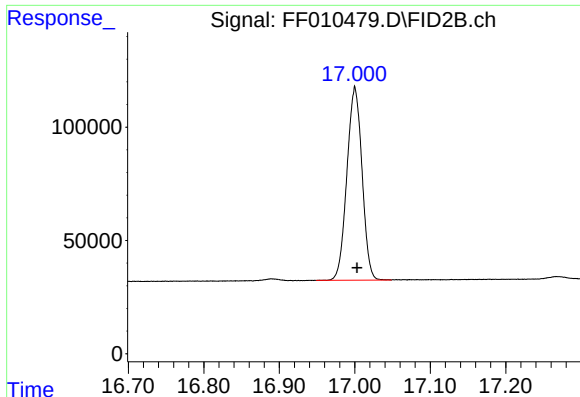
#15 n-Hexacosane (C26)

R.T.: 15.165 min
Delta R.T.: -0.004 min
Response: 1290764
Conc: 11.38 ug/ml



#16 n-Octacosane (C28)

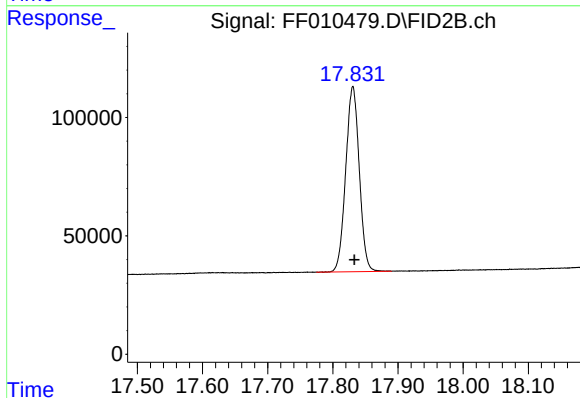
R.T.: 16.114 min
Delta R.T.: -0.003 min
Response: 1237764
Conc: 11.38 ug/ml



#17 n-Tricontane (C30)

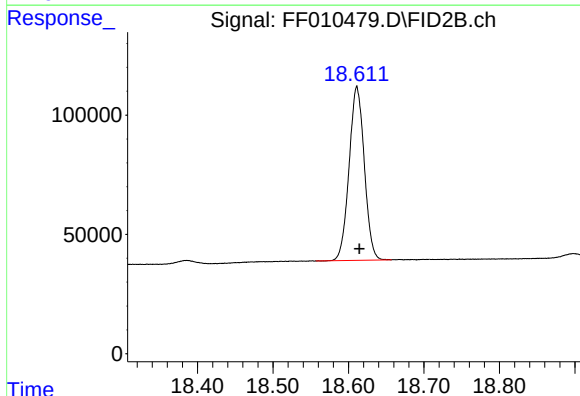
R.T.: 17.000 min
Delta R.T.: -0.003 min
Response: 1185658
Conc: 11.48 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



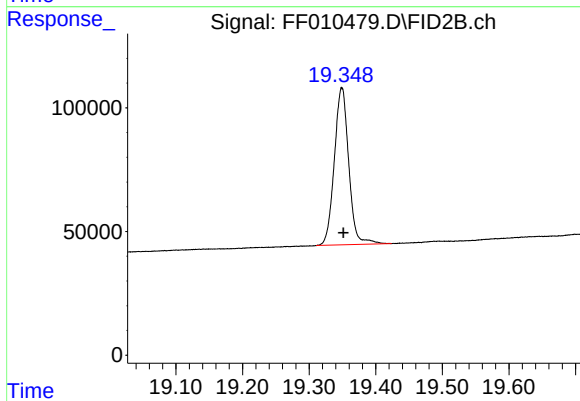
#18 n-Dotriacontane (C32)

R.T.: 17.831 min
Delta R.T.: -0.002 min
Response: 1130692
Conc: 11.70 ug/ml



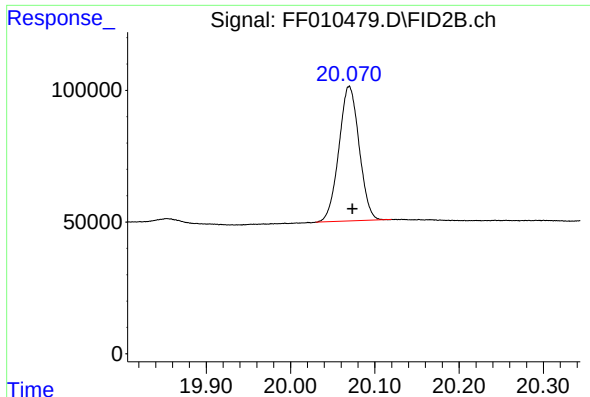
#19 n-Tetratriacontane (C34)

R.T.: 18.611 min
Delta R.T.: -0.003 min
Response: 1019491
Conc: 11.67 ug/ml



#20 n-Hexatriacontane (C36)

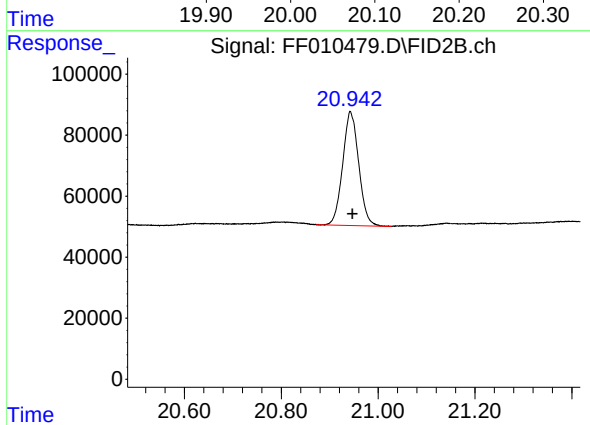
R.T.: 19.349 min
Delta R.T.: -0.002 min
Response: 955243
Conc: 12.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.070 min
Delta R.T.: -0.004 min
Response: 854005
Conc: 12.14 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 20.943 min
Delta R.T.: -0.004 min
Response: 855867
Conc: 12.28 ug/ml