

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047203.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 19:28
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 09 05:32:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:30:56 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)	11.353	926921	5.135 ug/ml
Spiked Amount 50.000		Recovery =	10.27%
12) S 1-chlorooctadecane (S...	12.790	704042	5.069 ug/ml
Spiked Amount 50.000		Recovery =	10.14%
Target Compounds			
1) T n-Nonane (C9)	3.198	814222	5.266 ug/ml
2) T n-Decane (C10)	4.249	826557	5.239 ug/ml
3) T A~Naphthalene (C11.7)	5.806	886015	5.113 ug/ml
4) T n-Dodecane (C12)	6.248	835589	5.207 ug/ml
5) T A~2-methylnaphthalene...	6.854	845900	5.022 ug/ml
6) T n-Tetradecane (C14)	8.031	829400	5.162 ug/ml
7) T n-Hexadecane (C16)	9.621	850400	5.077 ug/ml
8) T n-Octadecane (C18)	11.052	867587	5.076 ug/ml
10) T n-Eicosane (C20)	12.352	844164	5.117 ug/ml
11) T n-Heneicosane (C21)	12.959	833330	5.124 ug/ml
13) T n-Docosane (C22)	13.541	823145	5.092 ug/ml
14) T n-Tetracosane (C24)	14.636	814599	5.096 ug/ml
15) T n-Hexacosane (C26)	15.649	794540	5.097 ug/ml
16) T n-Octacosane (C28)	16.591	765209	5.087 ug/ml
17) T n-Tricontane (C30)	17.471	762230	5.137 ug/ml
18) T n-Dotriacontane (C32)	18.296	738032	5.245 ug/ml
19) T n-Tetratriacontane (C34)	19.074	686061	5.202 ug/ml
20) T n-Hexatriacontane (C36)	19.807	638507	5.208 ug/ml
21) T n-Octatriacontane (C38)	20.504	609112	5.173 ug/ml
22) T n-Tetracontane (C40)	21.309	578931	5.098 ug/ml

(f)=RT Delta > 1/2 Window

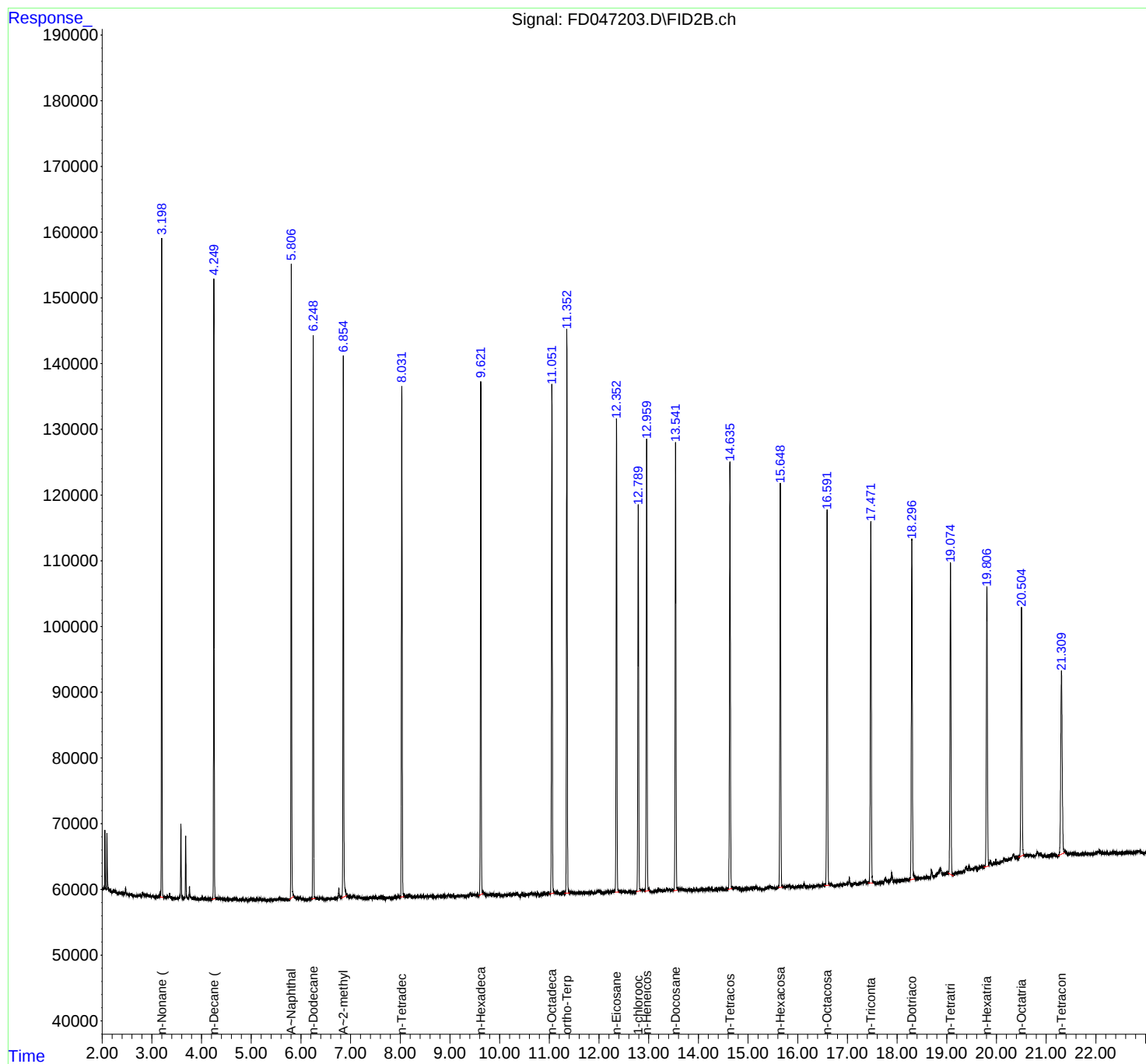
(m)=manual int.

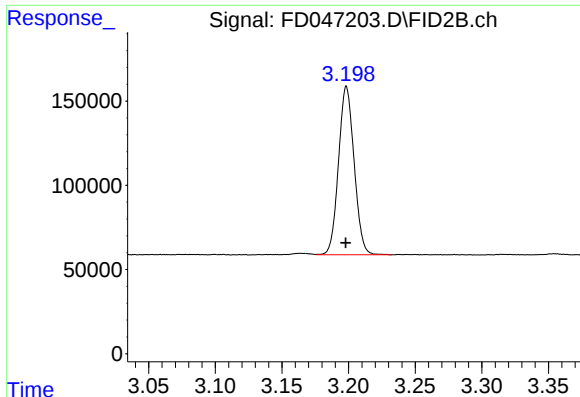
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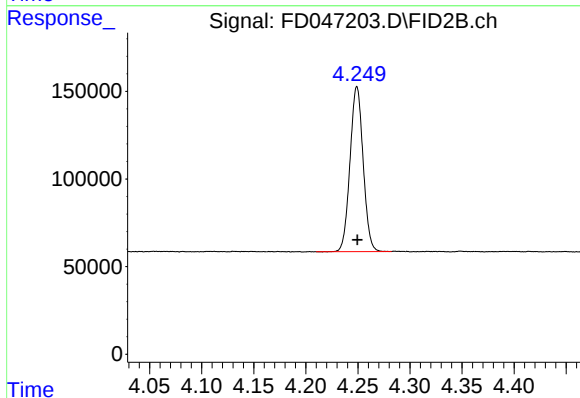




#1 n-Nonane (C9)

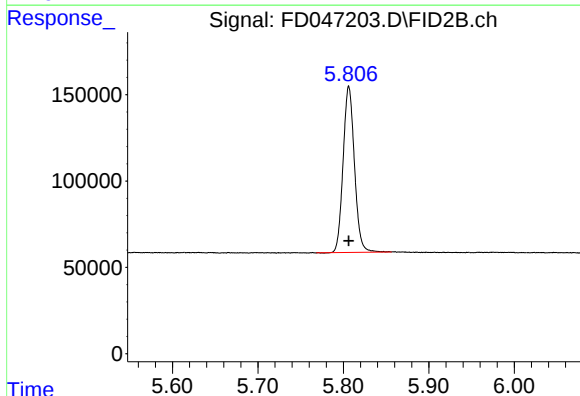
R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 814222
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



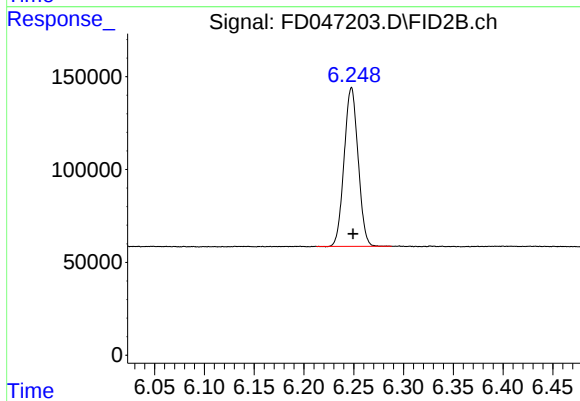
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 826557
Conc: 5.24 ug/ml



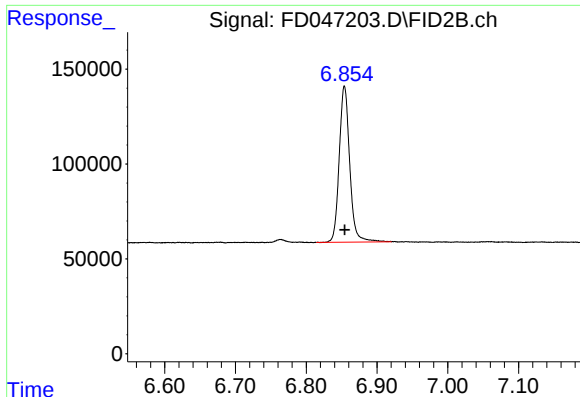
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 886015
Conc: 5.11 ug/ml



#4 n-Dodecane (C12)

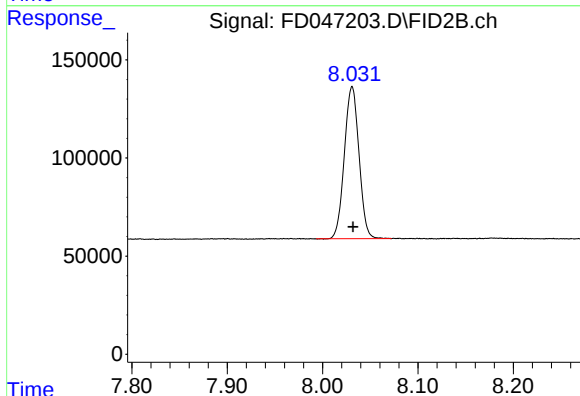
R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 835589
Conc: 5.21 ug/ml



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

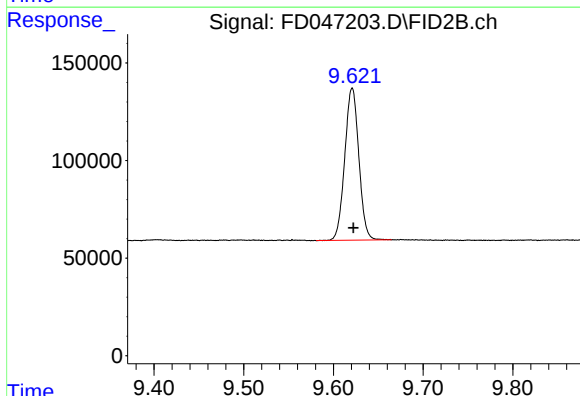
R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 845900
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



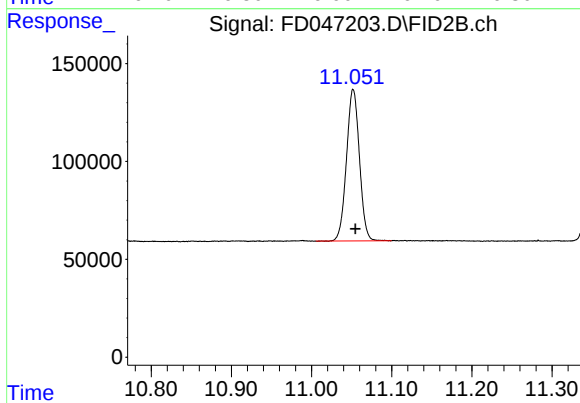
#6 n-Tetradecane (C14)

R.T.: 8.031 min
Delta R.T.: -0.001 min
Response: 829400
Conc: 5.16 ug/ml



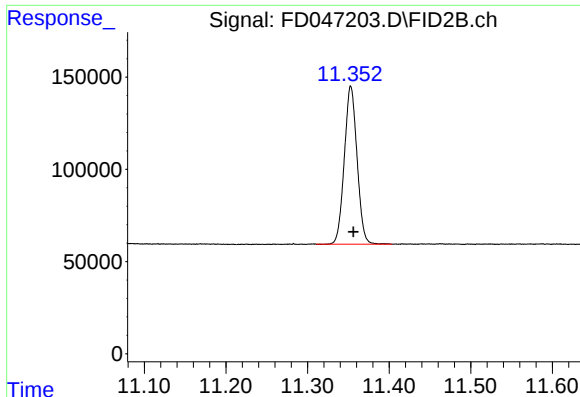
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: -0.001 min
Response: 850400
Conc: 5.08 ug/ml



#8 n-Octadecane (C18)

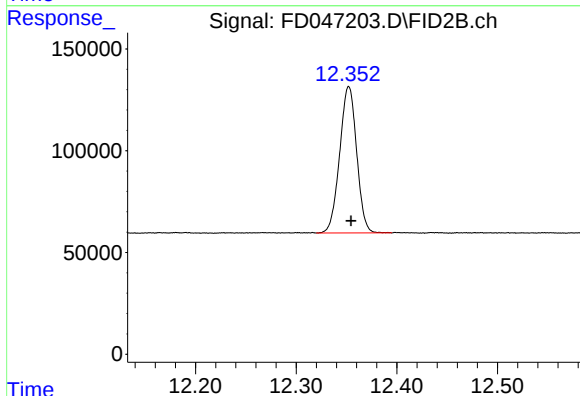
R.T.: 11.052 min
Delta R.T.: -0.003 min
Response: 867587
Conc: 5.08 ug/ml



#9 ortho-Terphenyl (SURR)

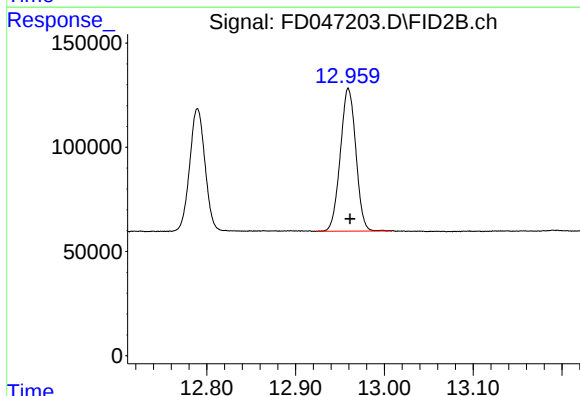
R.T.: 11.353 min
Delta R.T.: -0.003 min
Response: 926921
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



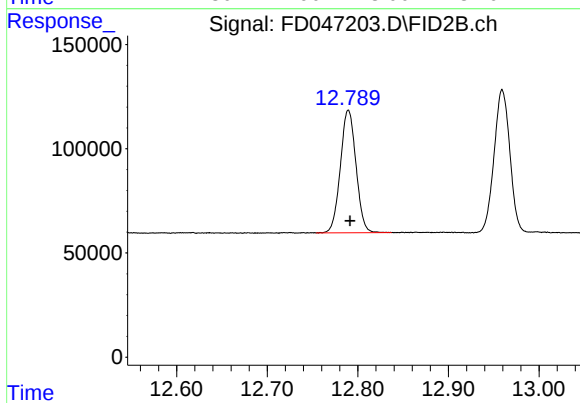
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 844164
Conc: 5.12 ug/ml



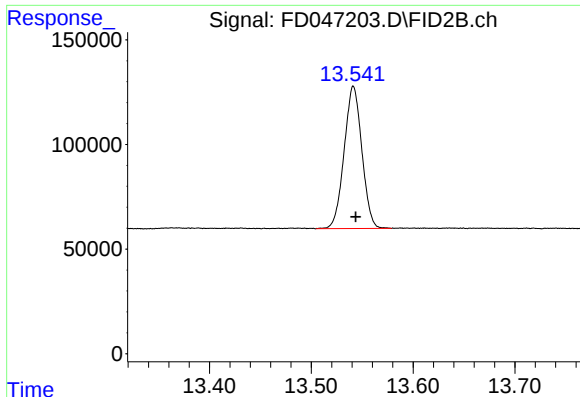
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 833330
Conc: 5.12 ug/ml



#12 1-chlorooctadecane (SURR)

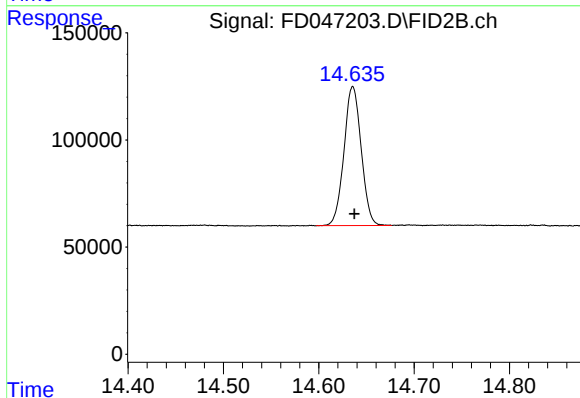
R.T.: 12.790 min
Delta R.T.: -0.002 min
Response: 704042
Conc: 5.07 ug/ml



#13 n-Docosane (C22)

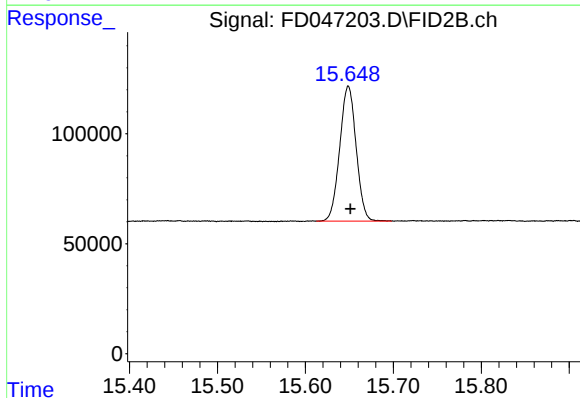
R.T.: 13.541 min
Delta R.T.: -0.002 min
Response: 823145
Conc: 5.09 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



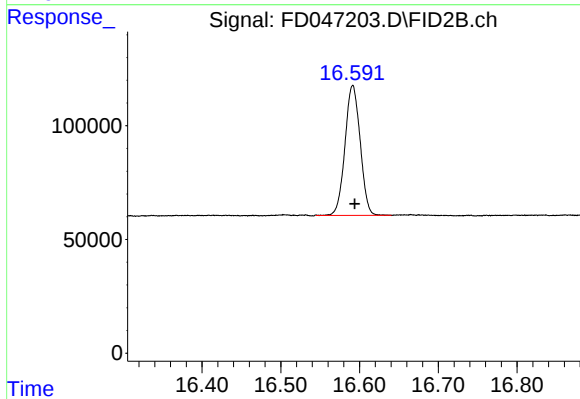
#14 n-Tetracosane (C24)

R.T.: 14.636 min
Delta R.T.: -0.002 min
Response: 814599
Conc: 5.10 ug/ml



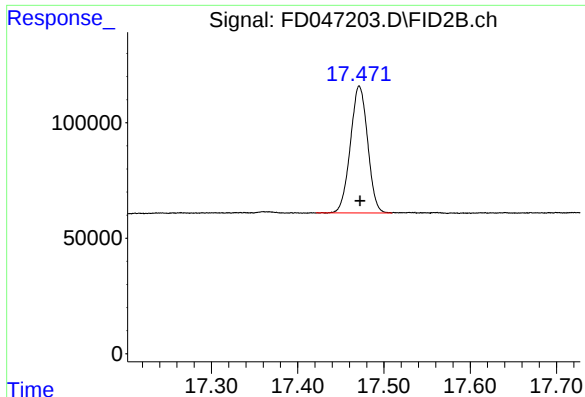
#15 n-Hexacosane (C26)

R.T.: 15.649 min
Delta R.T.: -0.002 min
Response: 794540
Conc: 5.10 ug/ml



#16 n-Octacosane (C28)

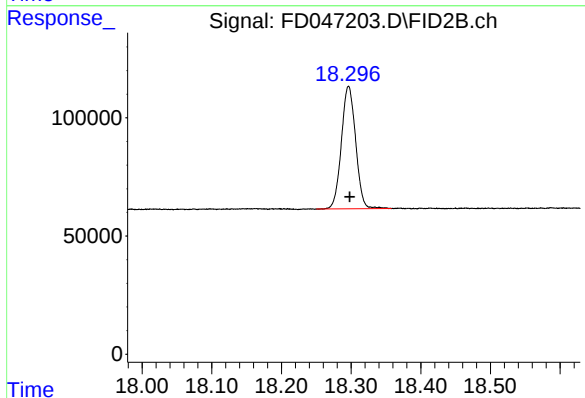
R.T.: 16.591 min
Delta R.T.: -0.003 min
Response: 765209
Conc: 5.09 ug/ml



#17 n-Tricontane (C30)

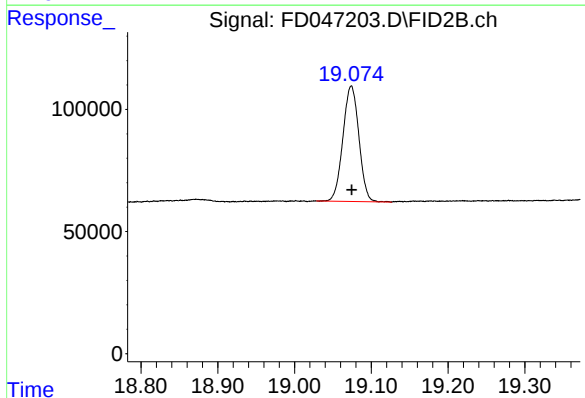
R.T.: 17.471 min
Delta R.T.: -0.001 min
Response: 762230
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



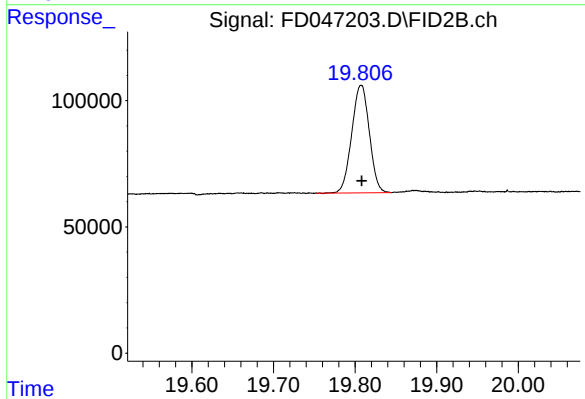
#18 n-Dotriacontane (C32)

R.T.: 18.296 min
Delta R.T.: -0.002 min
Response: 738032
Conc: 5.24 ug/ml



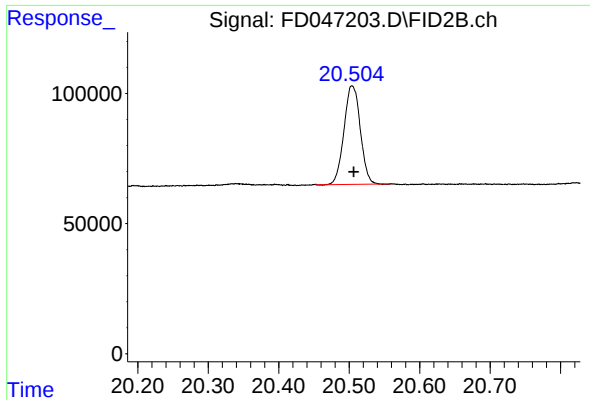
#19 n-Tetratriacontane (C34)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 686061
Conc: 5.20 ug/ml



#20 n-Hexatriacontane (C36)

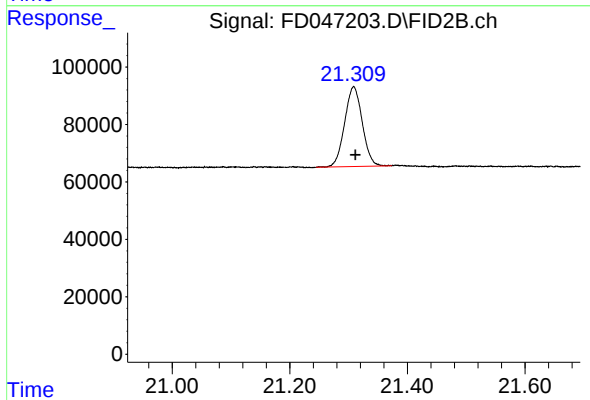
R.T.: 19.807 min
Delta R.T.: 0.000 min
Response: 638507
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: -0.002 min
Response: 609112
Conc: 5.17 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.003 min
Response: 578931
Conc: 5.10 ug/ml