

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044724.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 21:37
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 25 16:50:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:49:21 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)	11.545	925953	6.077 ug/ml
Spiked Amount 50.000		Recovery =	12.15%
12) S 1-chlorooctadecane (S...	12.971	697440	6.038 ug/ml
Spiked Amount 50.000		Recovery =	12.08%
Target Compounds			
1) T n-Nonane (C9)	3.379	851376	5.930 ug/ml
2) T n-Decane (C10)	4.436	840830	5.968 ug/ml
3) T A~Naphthalene (C11.7)	6.007	957404	5.959 ug/ml
4) T n-Dodecane (C12)	6.435	843242	5.975 ug/ml
5) T A~2-methylnaphthalene...	7.052	903957	5.999 ug/ml
6) T n-Tetradecane (C14)	8.215	842215	6.011 ug/ml
7) T n-Hexadecane (C16)	9.802	854069	6.045 ug/ml
8) T n-Octadecane (C18)	11.232	857977	6.076 ug/ml
10) T n-Eicosane (C20)	12.531	837667	6.232 ug/ml
11) T n-Heneicosane (C21)	13.137	825937	6.144 ug/ml
13) T n-Docosane (C22)	13.719	872060	6.617 ug/ml
14) T n-Tetracosane (C24)	14.812	942712	7.256 ug/ml
15) T n-Hexacosane (C26)	15.824	987066	7.759 ug/ml
16) T n-Octacosane (C28)	16.765	1028124	8.188 ug/ml
17) T n-Tricontane (C30)	17.644	1011955	8.111 ug/ml
18) T n-Dotriacontane (C32)	18.469	984482	7.856 ug/ml
19) T n-Tetratriacontane (C34)	19.246	879253	7.078 ug/ml
20) T n-Hexatriacontane (C36)	19.978	803722	6.737 ug/ml
21) T n-Octatriacontane (C38)	20.688	767539	6.468 ug/ml
22) T n-Tetracontane (C40)	21.548	744725	6.279 ug/ml

(f)=RT Delta > 1/2 Window

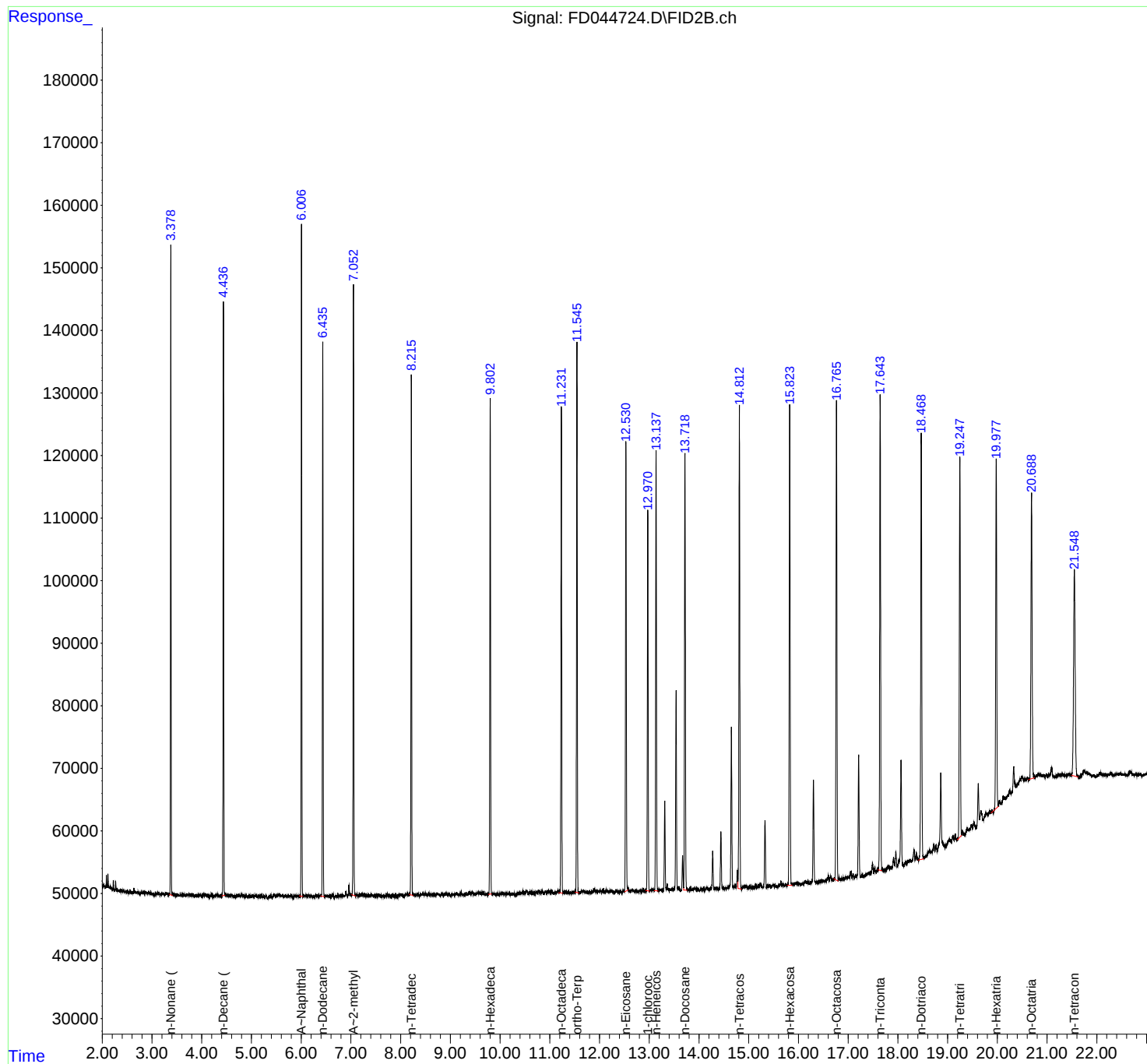
(m)=manual int.

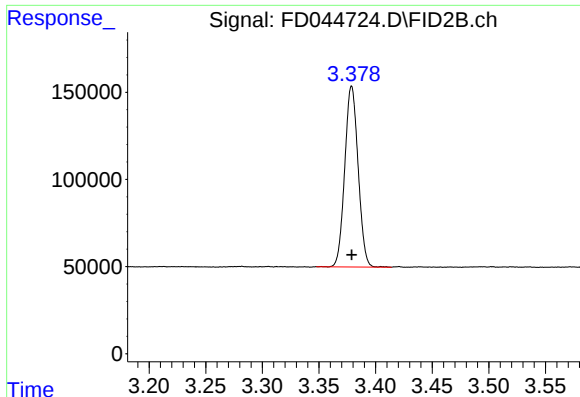
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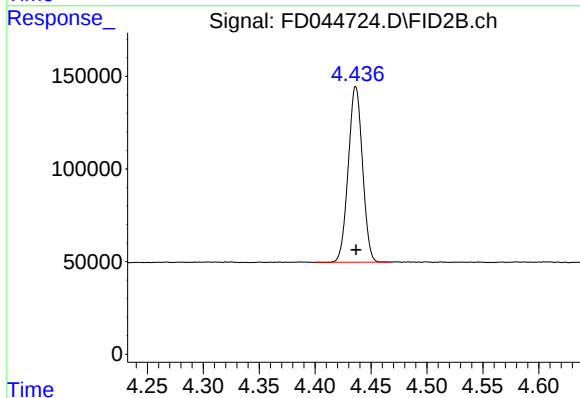




#1 n-Nonane (C9)

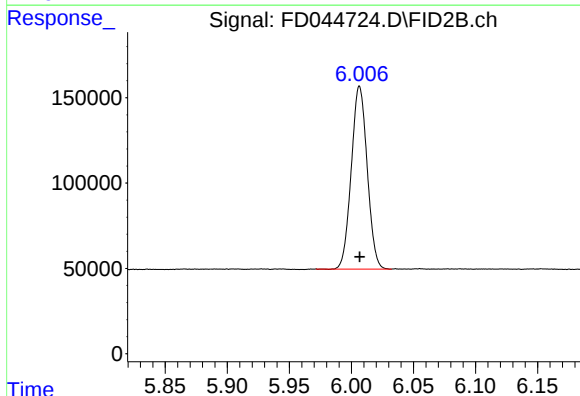
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 851376
Conc: 5.93 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



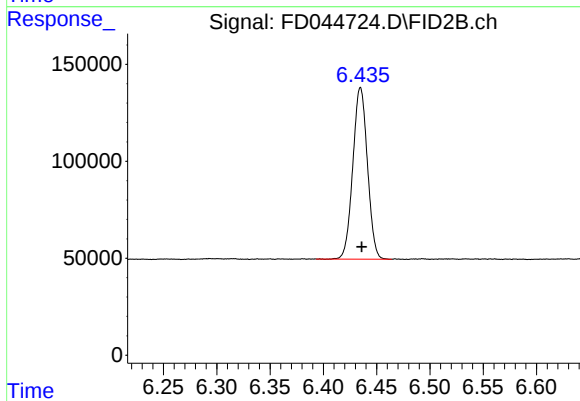
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 840830
Conc: 5.97 ug/ml



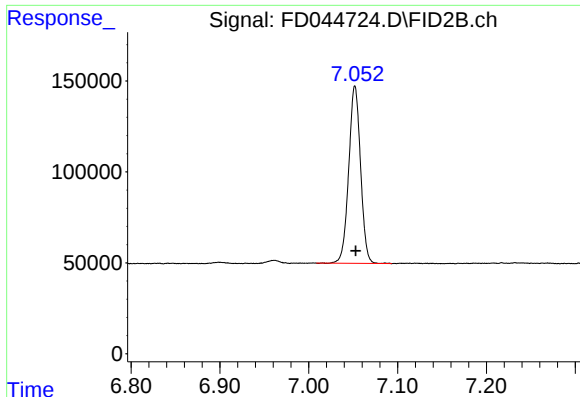
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 957404
Conc: 5.96 ug/ml



#4 n-Dodecane (C12)

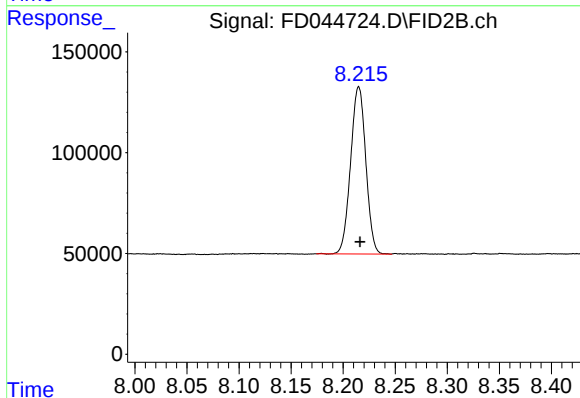
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 843242
Conc: 5.97 ug/ml



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

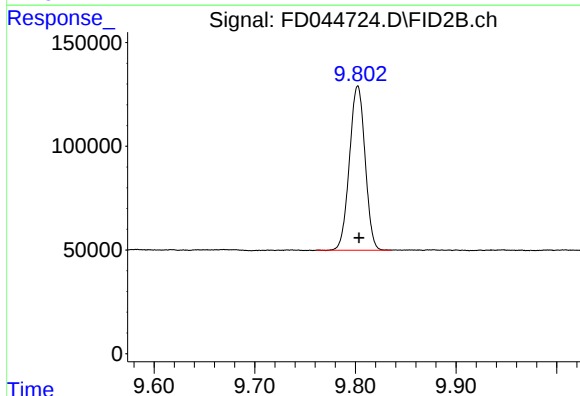
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 903957
Conc: 6.00 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



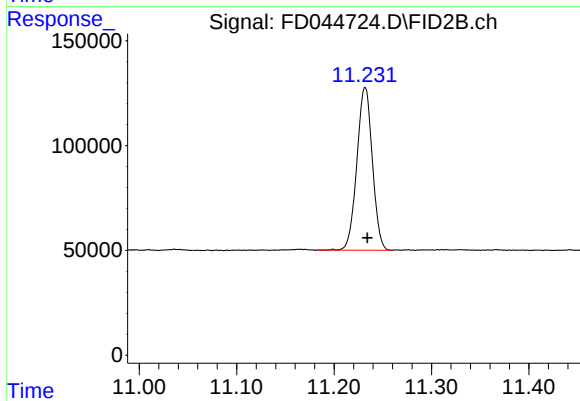
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.001 min
Response: 842215
Conc: 6.01 ug/ml



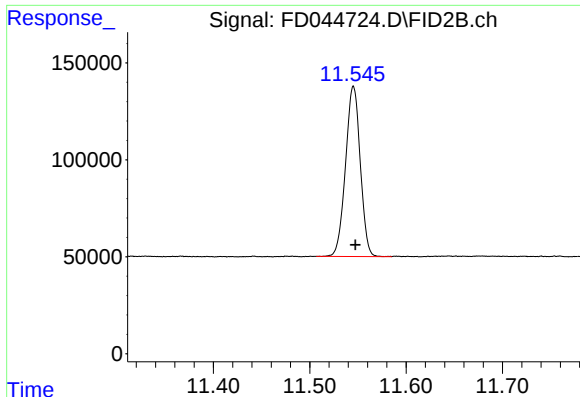
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.001 min
Response: 854069
Conc: 6.04 ug/ml



#8 n-Octadecane (C18)

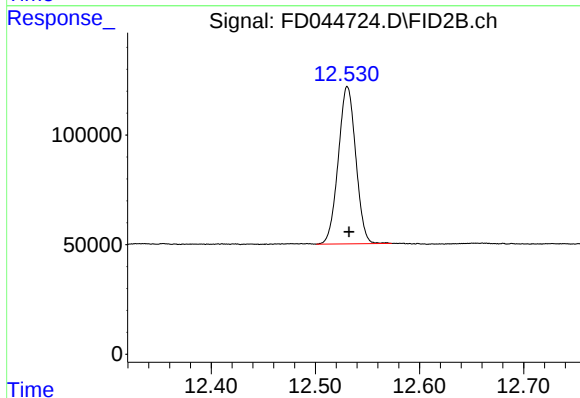
R.T.: 11.232 min
Delta R.T.: -0.002 min
Response: 857977
Conc: 6.08 ug/ml



#9 ortho-Terphenyl (SURR)

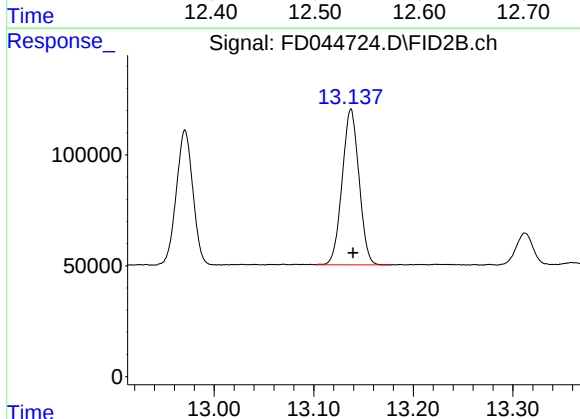
R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 925953
Conc: 6.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



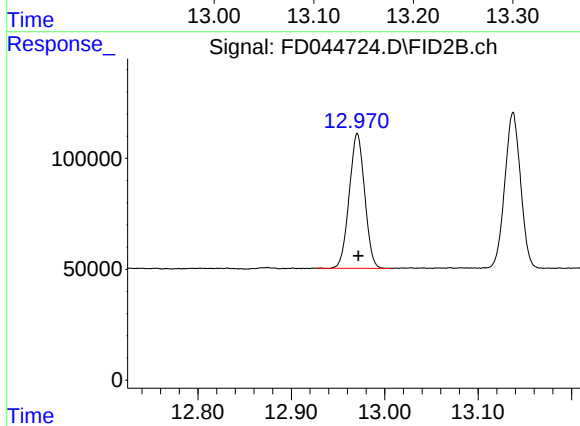
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.002 min
Response: 837667
Conc: 6.23 ug/ml



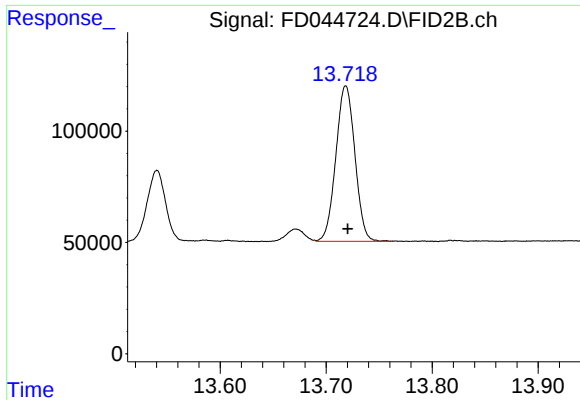
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.002 min
Response: 825937
Conc: 6.14 ug/ml



#12 1-chlorooctadecane (SURR)

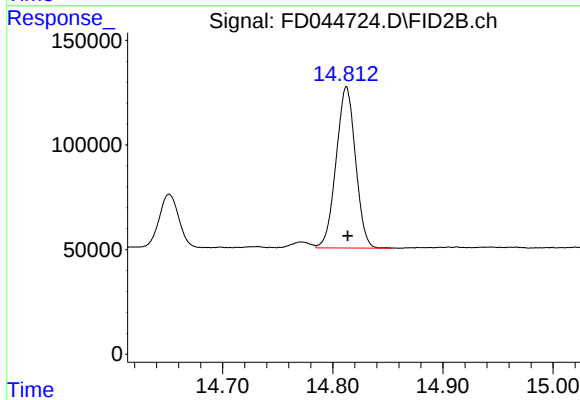
R.T.: 12.971 min
Delta R.T.: -0.001 min
Response: 697440
Conc: 6.04 ug/ml



#13 n-Docosane (C22)

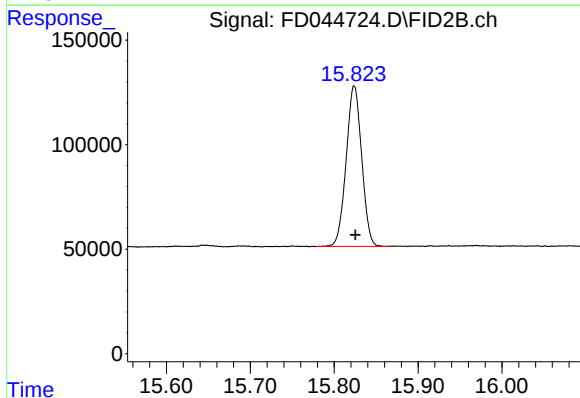
R.T.: 13.719 min
Delta R.T.: -0.002 min
Response: 872060
Conc: 6.62 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



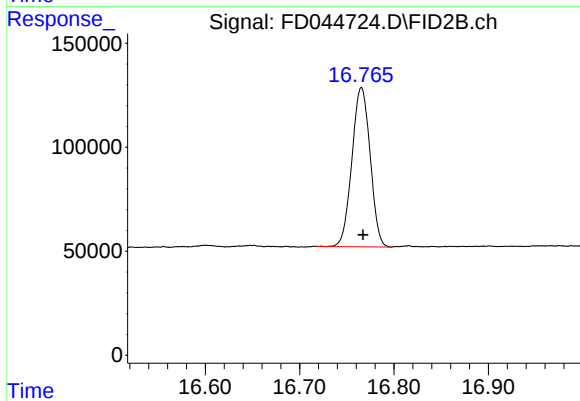
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.001 min
Response: 942712
Conc: 7.26 ug/ml



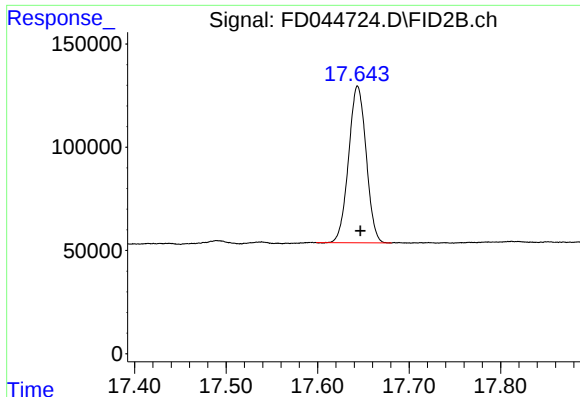
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.001 min
Response: 987066
Conc: 7.76 ug/ml



#16 n-Octacosane (C28)

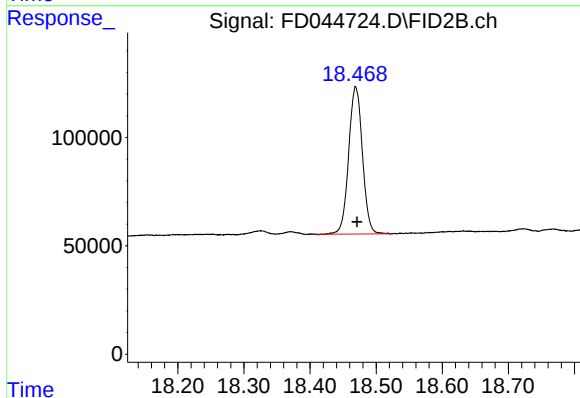
R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 1028124
Conc: 8.19 ug/ml



#17 n-Tricontane (C30)

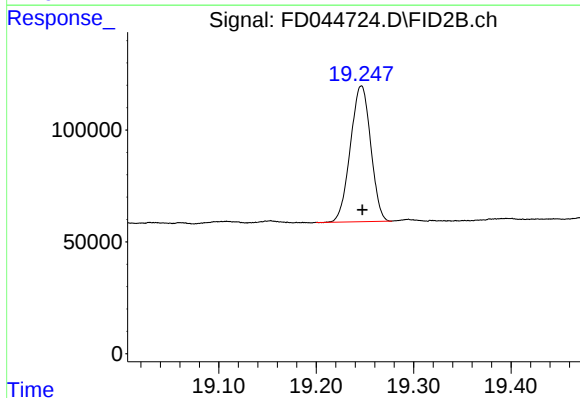
R.T.: 17.644 min
Delta R.T.: -0.003 min
Response: 1011955
Conc: 8.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



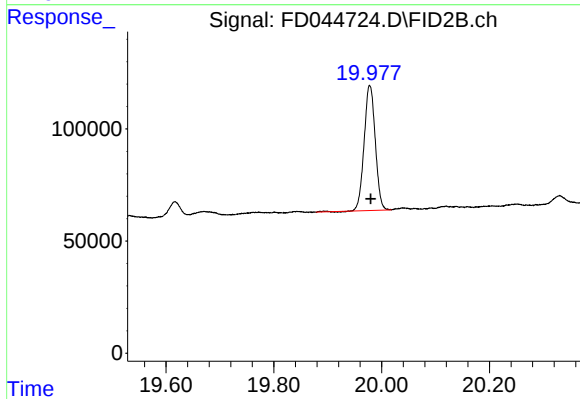
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.002 min
Response: 984482
Conc: 7.86 ug/ml



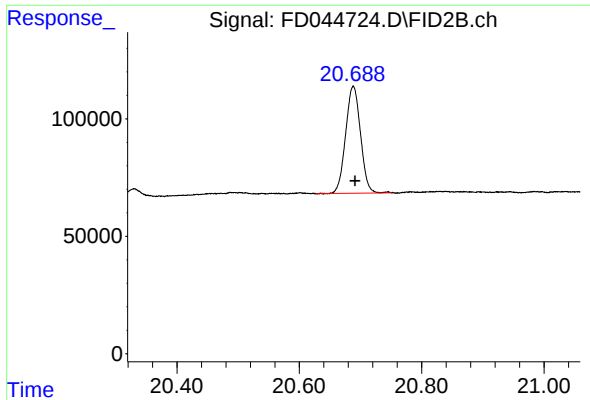
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 879253
Conc: 7.08 ug/ml



#20 n-Hexatriacontane (C36)

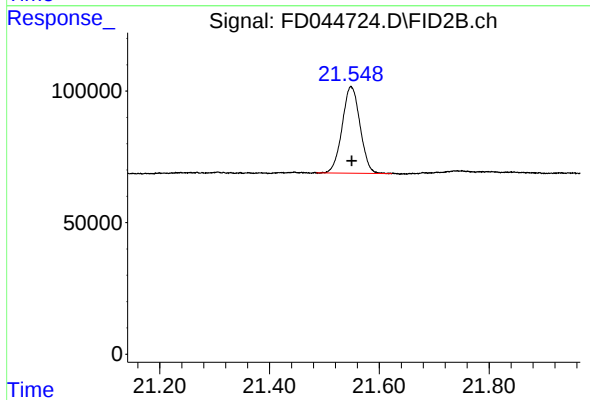
R.T.: 19.978 min
Delta R.T.: -0.002 min
Response: 803722
Conc: 6.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.003 min
Response: 767539
Conc: 6.47 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: -0.002 min
Response: 744725
Conc: 6.28 ug/ml