

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100522AL\
 Data File : FD044040.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2022 22:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 06 01:42:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.305	3139843	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	12.723	2502807	19.901 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T n-Nonane (C9)	3.141	2708540	20.059 ug/ml
2) T n-Decane (C10)	4.190	2729463	20.316 ug/ml
3) T A~Naphthalene (C11.7)	5.764	2686099	20.104 ug/ml
4) T n-Dodecane (C12)	6.186	2789627	20.076 ug/ml
5) T A~2-methylnaphthalene...	6.810	2580794	19.848 ug/ml
6) T n-Tetradecane (C14)	7.966	2793808	20.067 ug/ml
7) T n-Hexadecane (C16)	9.553	2809292	19.917 ug/ml
8) T n-Octadecane (C18)	10.983	2898341	19.932 ug/ml
10) T n-Eicosane (C20)	12.281	2942508	19.843 ug/ml
11) T n-Heneicosane (C21)	12.888	2975872	19.835 ug/ml
13) T n-Docosane (C22)	13.469	2985116	19.855 ug/ml
14) T n-Tetracosane (C24)	14.560	2993135	19.831 ug/ml
15) T n-Hexacosane (C26)	15.571	3016534	19.923 ug/ml
16) T n-Octacosane (C28)	16.512	3005061	19.946 ug/ml
17) T n-Tricontane (C30)	17.390	3068830	20.022 ug/ml
18) T n-Dotriacontane (C32)	18.212	3084055	20.110 ug/ml
19) T n-Tetratriacontane (C34)	18.987	2982082	20.256 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2967120	20.237 ug/ml
21) T n-Octatriacontane (C38)	20.409	2850666	20.434 ug/ml
22) T n-Tetracontane (C40)	21.168	2664883	20.490 ug/ml

(f)=RT Delta > 1/2 Window

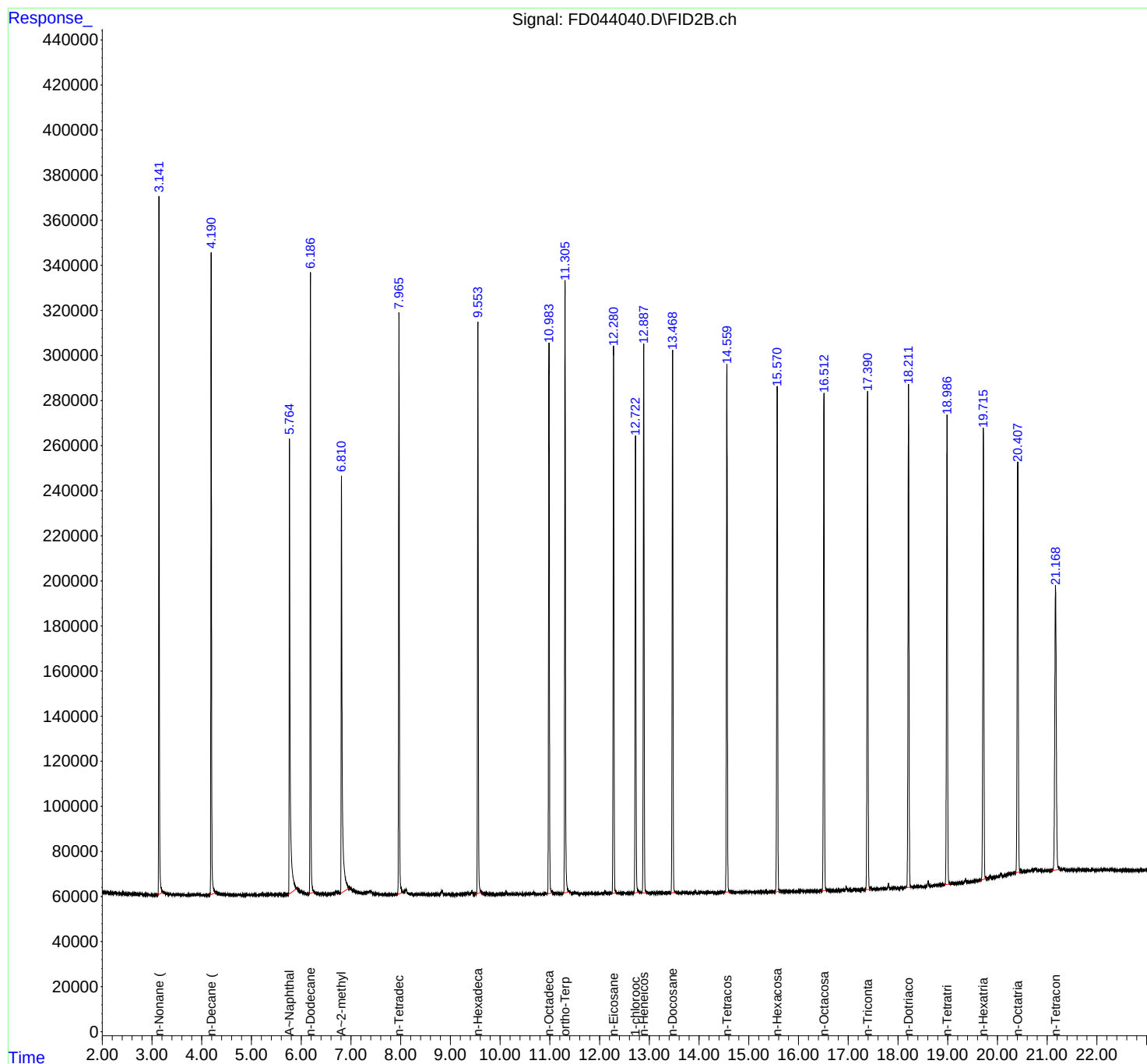
(m)=manual int.

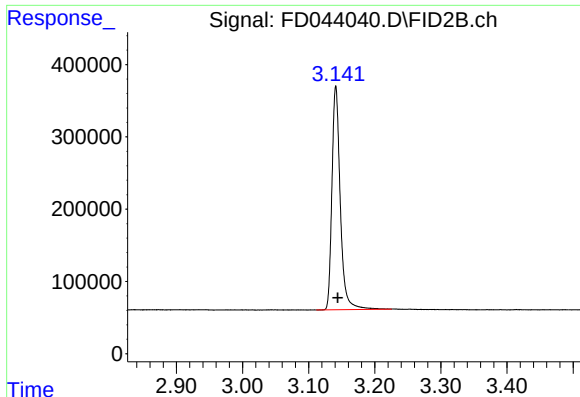
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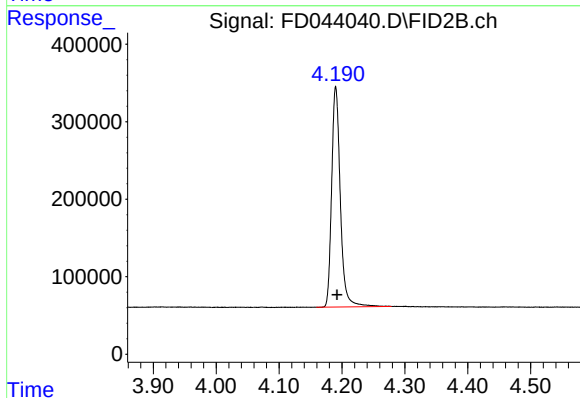




#1 n-Nonane (C9)

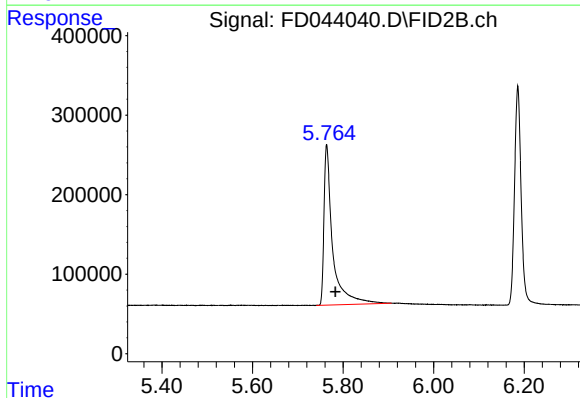
R.T.: 3.141 min
Delta R.T.: -0.003 min
Response: 2708540
Conc: 20.06 ug/ml

Instrument :
FID_D
ClientSampleId :



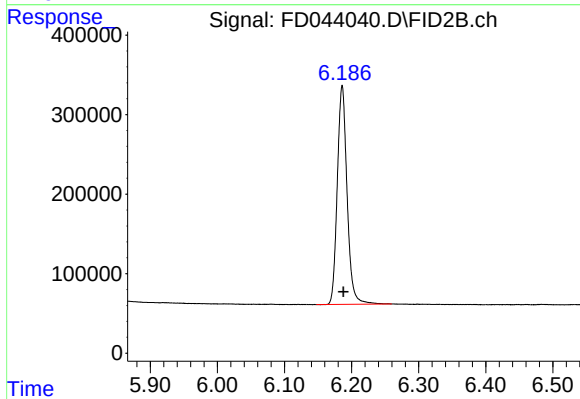
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 2729463
Conc: 20.32 ug/ml



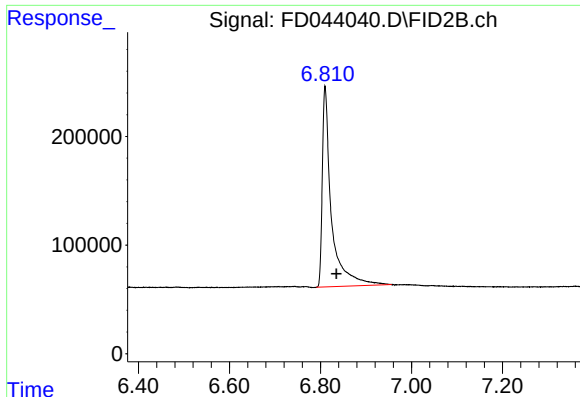
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.019 min
Response: 2686099
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

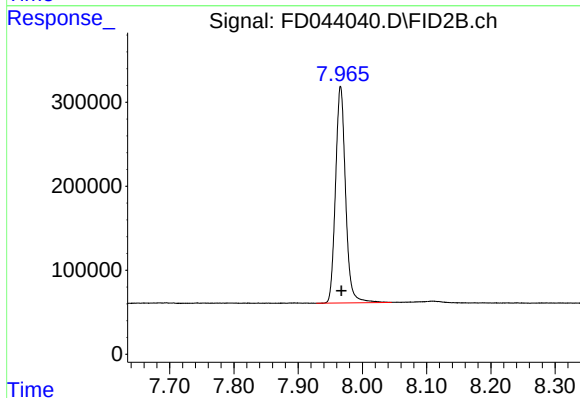
R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 2789627
Conc: 20.08 ug/ml



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

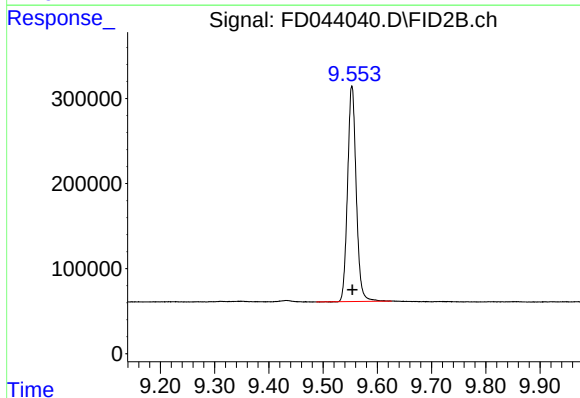
R.T.: 6.810 min
Delta R.T.: -0.025 min
Response: 2580794
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



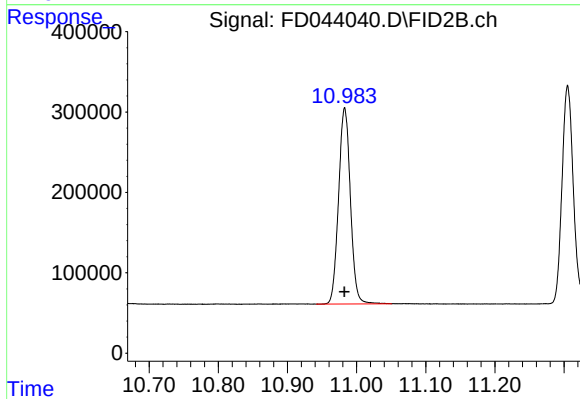
#6 n-Tetradecane (C14)

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 2793808
Conc: 20.07 ug/ml



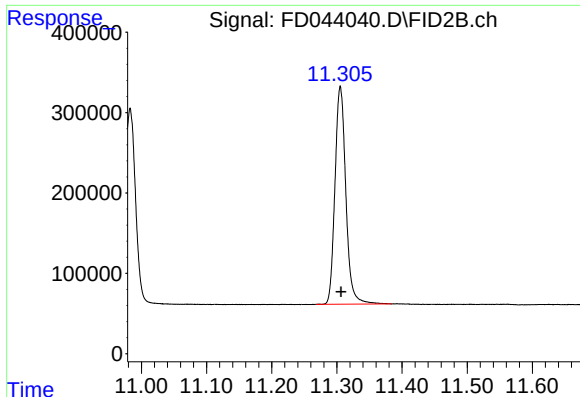
#7 n-Hexadecane (C16)

R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 2809292
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

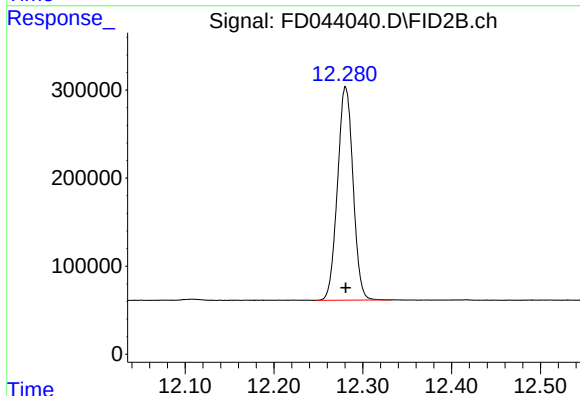
R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 2898341
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

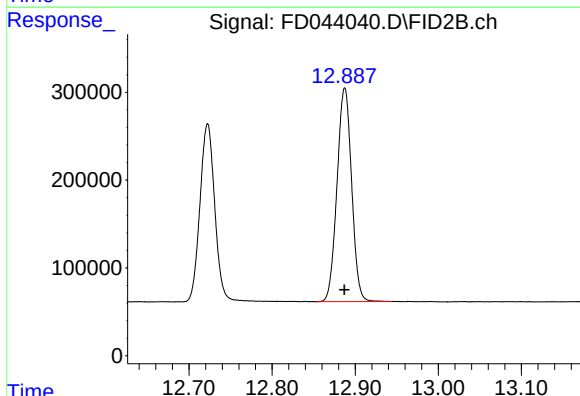
R.T.: 11.305 min
Delta R.T.: -0.001 min
Response: 3139843
Conc: 19.95 ug/ml

Instrument :
FID_D
ClientSampleId :



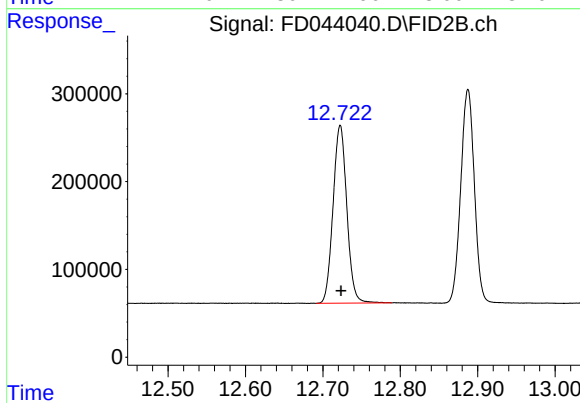
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 2942508
Conc: 19.84 ug/ml



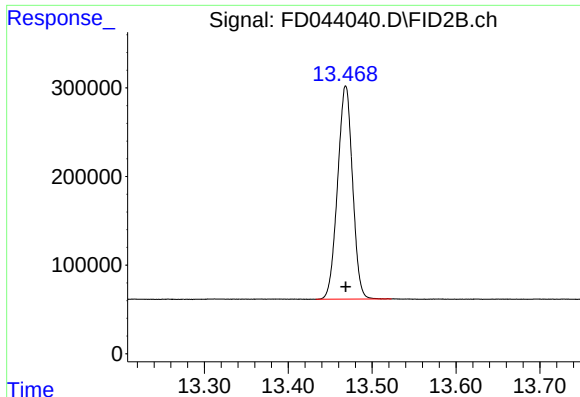
#11 n-Heneicosane (C21)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 2975872
Conc: 19.84 ug/ml



#12 1-chlorooctadecane (SURR)

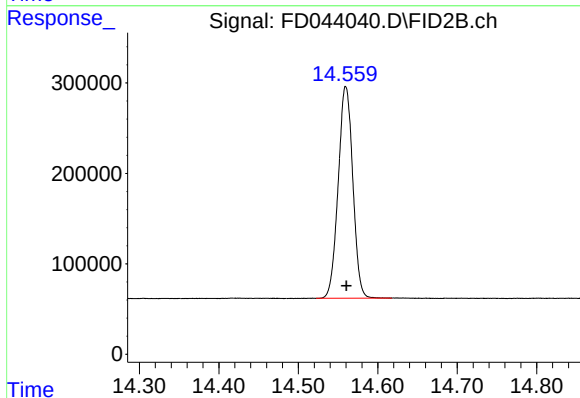
R.T.: 12.723 min
Delta R.T.: -0.001 min
Response: 2502807
Conc: 19.90 ug/ml



#13 n-Docosane (C22)

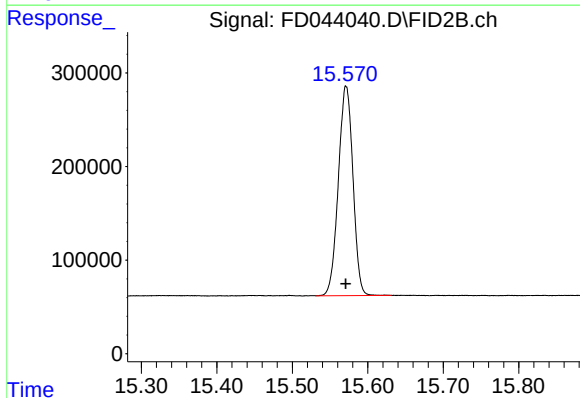
R.T.: 13.469 min
Delta R.T.: 0.000 min
Response: 2985116
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



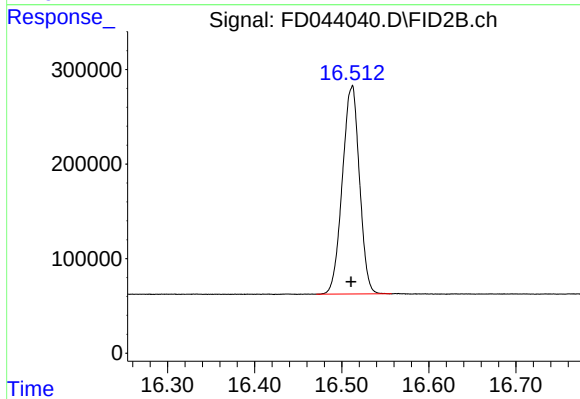
#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 2993135
Conc: 19.83 ug/ml



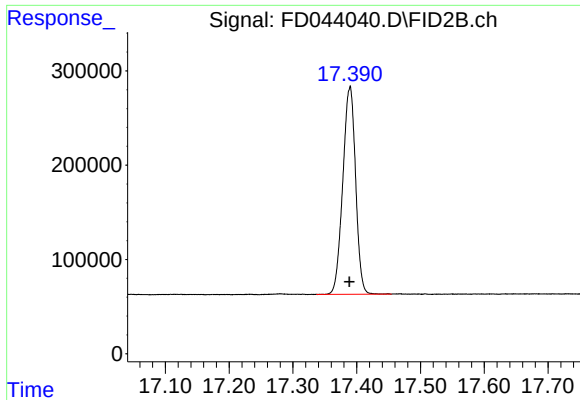
#15 n-Hexacosane (C26)

R.T.: 15.571 min
Delta R.T.: 0.000 min
Response: 3016534
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

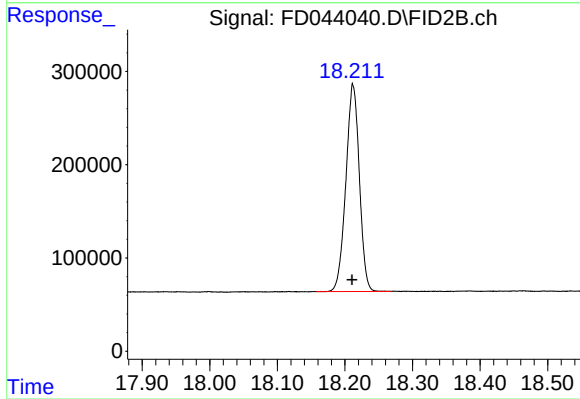
R.T.: 16.512 min
Delta R.T.: 0.001 min
Response: 3005061
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

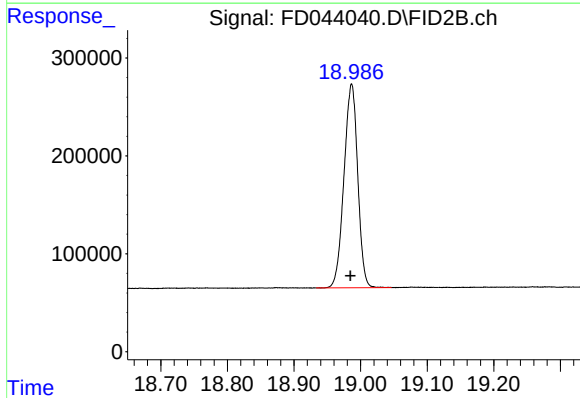
R.T.: 17.390 min
Delta R.T.: 0.000 min
Response: 3068830
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :



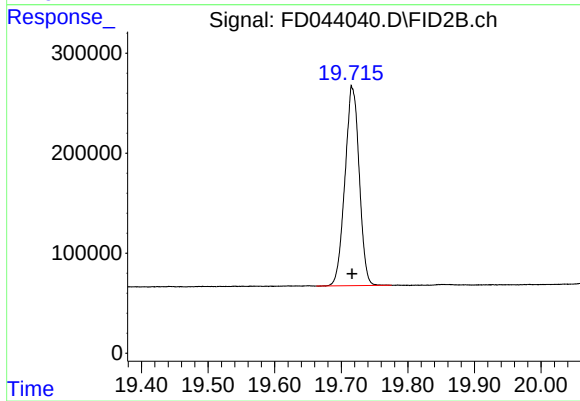
#18 n-Dotriacontane (C32)

R.T.: 18.212 min
Delta R.T.: 0.002 min
Response: 3084055
Conc: 20.11 ug/ml



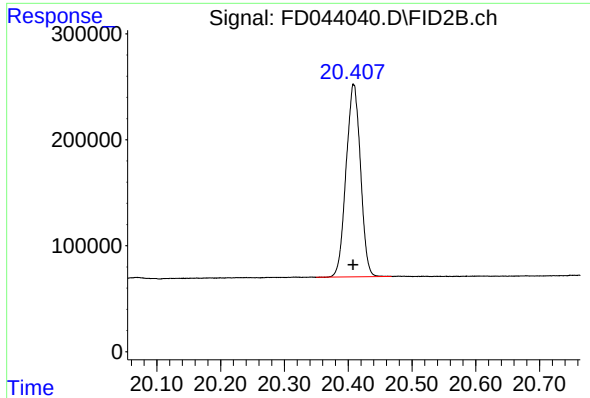
#19 n-Tetratriacontane (C34)

R.T.: 18.987 min
Delta R.T.: 0.002 min
Response: 2982082
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

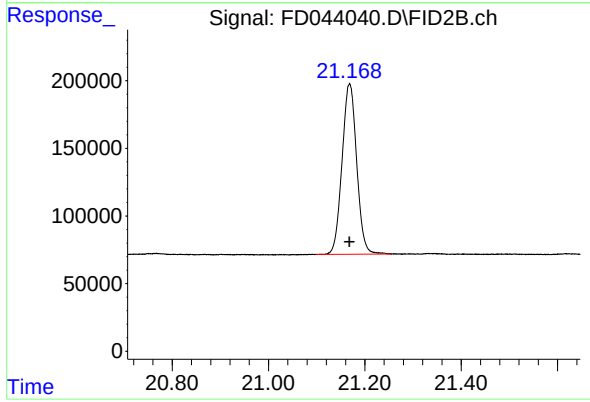
R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 2967120
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: 0.001 min
Response: 2850666
Conc: 20.43 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 2664883
Conc: 20.49 ug/ml