

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100522AL\
 Data File : FD044042.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2022 00:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 06 01:46:22 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)	11.306	3192158	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.723	2545951	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.142	2721929	20.159 ug/ml
2) T n-Decane (C10)	4.191	2761355	20.553 ug/ml
3) T A~Naphthalene (C11.7)	5.764	2719832	20.356 ug/ml
4) T n-Dodecane (C12)	6.187	2837843	20.423 ug/ml
5) T A~2-methylnaphthalene...	6.811	2622816	20.171 ug/ml
6) T n-Tetradecane (C14)	7.966	2829118	20.321 ug/ml
7) T n-Hexadecane (C16)	9.553	2865562	20.316 ug/ml
8) T n-Octadecane (C18)	10.983	2925144	20.117 ug/ml
10) T n-Eicosane (C20)	12.281	2990693	20.168 ug/ml
11) T n-Heneicosane (C21)	12.887	3025530	20.166 ug/ml
13) T n-Docosane (C22)	13.468	3045503	20.257 ug/ml
14) T n-Tetracosane (C24)	14.560	3056321	20.249 ug/ml
15) T n-Hexacosane (C26)	15.570	3069668	20.274 ug/ml
16) T n-Octacosane (C28)	16.510	3053998	20.271 ug/ml
17) T n-Tricontane (C30)	17.389	3100562	20.229 ug/ml
18) T n-Dotriacontane (C32)	18.211	3111980	20.292 ug/ml
19) T n-Tetratriacontane (C34)	18.986	3003727	20.403 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2988105	20.380 ug/ml
21) T n-Octatriacontane (C38)	20.409	2872622	20.591 ug/ml
22) T n-Tetracontane (C40)	21.167	2673972	20.560 ug/ml

(f)=RT Delta > 1/2 Window

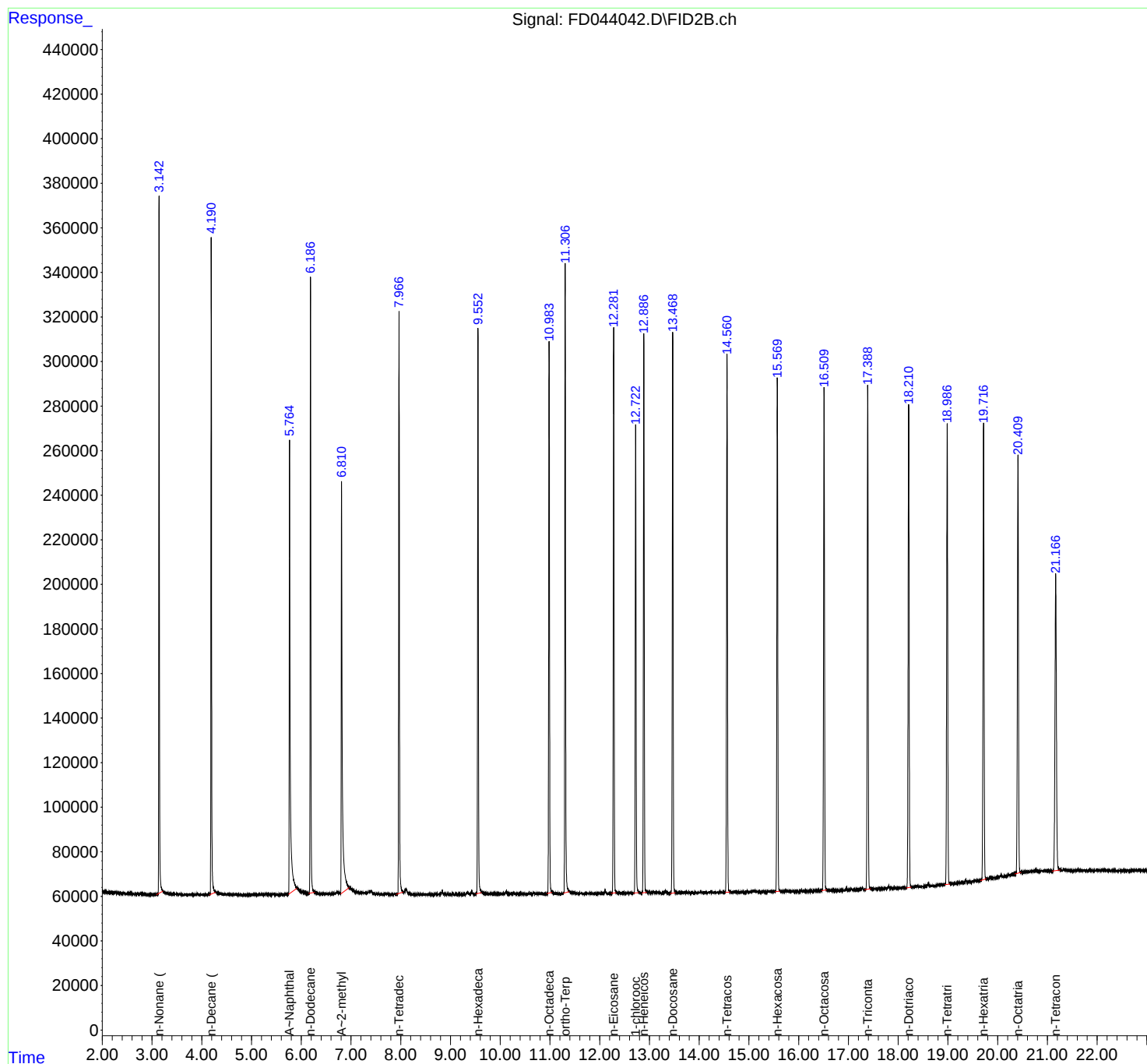
(m)=manual int.

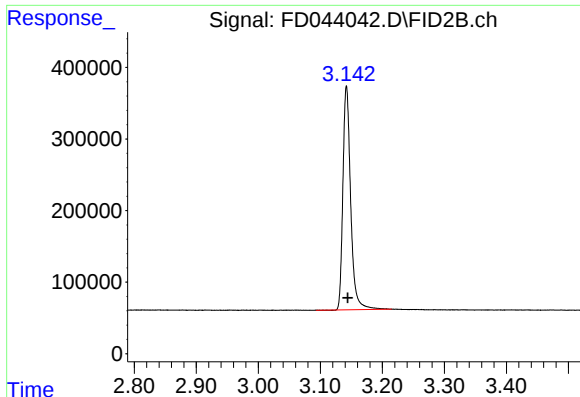
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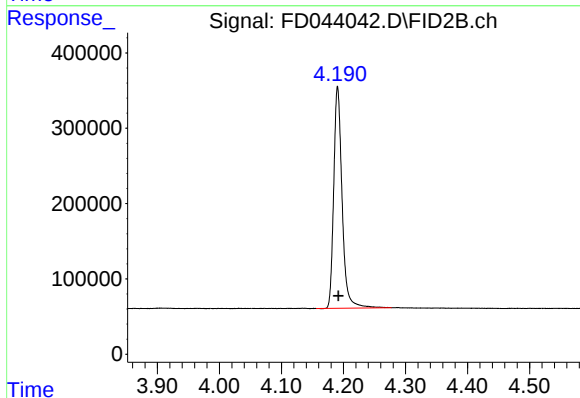




#1 n-Nonane (C9)

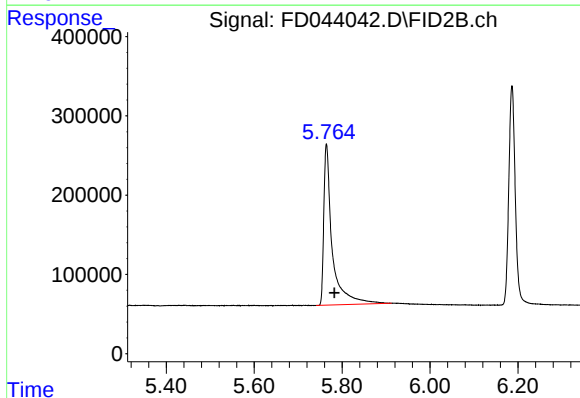
R.T.: 3.142 min
Delta R.T.: -0.002 min
Response: 2721929
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :



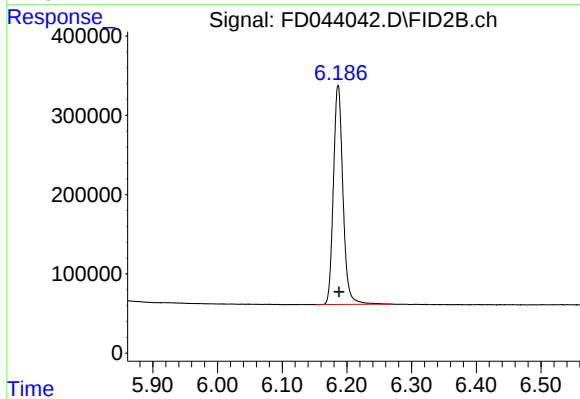
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 2761355
Conc: 20.55 ug/ml



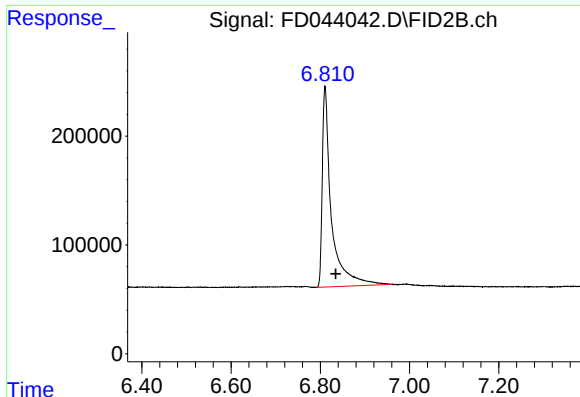
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.018 min
Response: 2719832
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

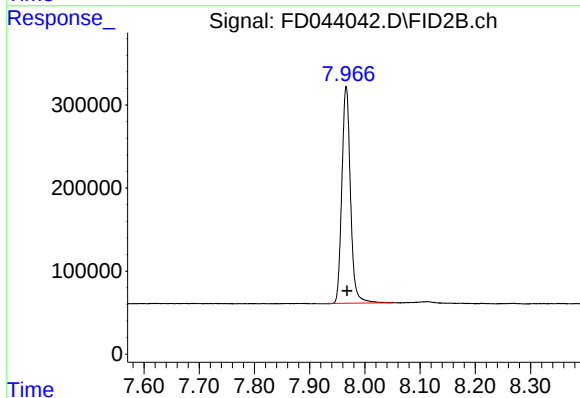
R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 2837843
Conc: 20.42 ug/ml



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

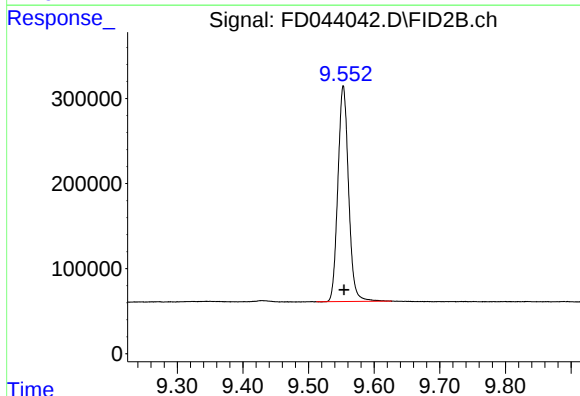
R.T.: 6.811 min
Delta R.T.: -0.024 min
Response: 2622816
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



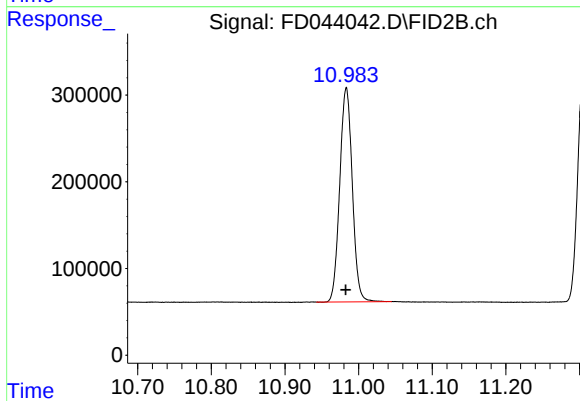
#6 n-Tetradecane (C14)

R.T.: 7.966 min
Delta R.T.: -0.001 min
Response: 2829118
Conc: 20.32 ug/ml



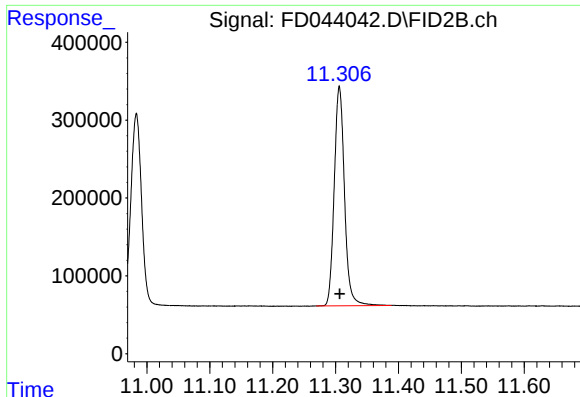
#7 n-Hexadecane (C16)

R.T.: 9.553 min
Delta R.T.: -0.001 min
Response: 2865562
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

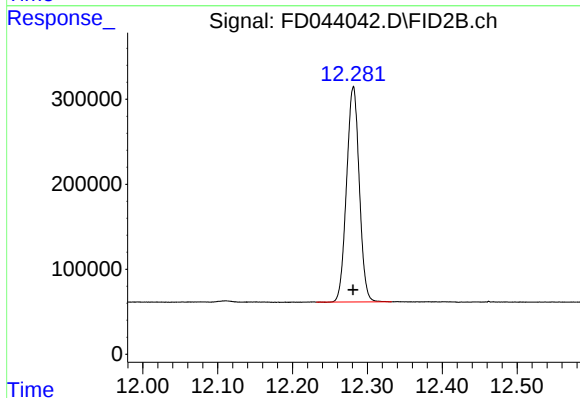
R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 2925144
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

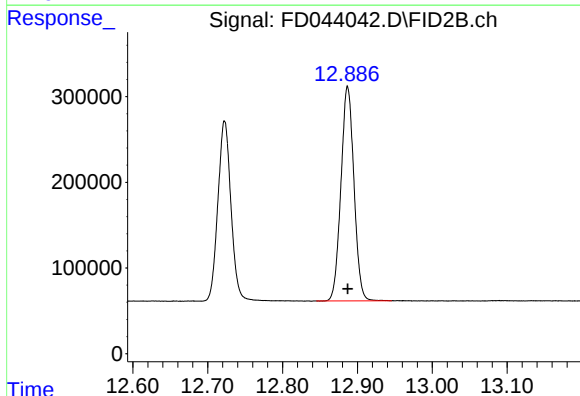
R.T.: 11.306 min
Delta R.T.: 0.000 min
Response: 3192158
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



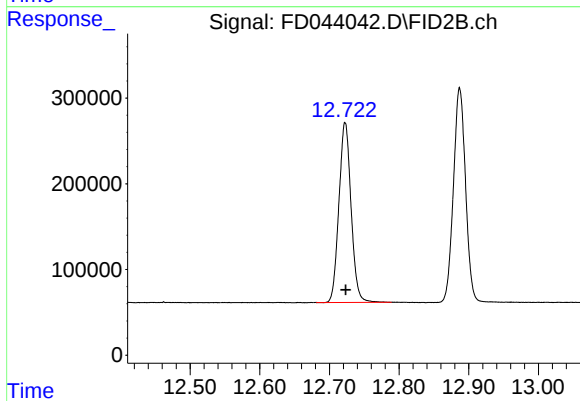
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 2990693
Conc: 20.17 ug/ml



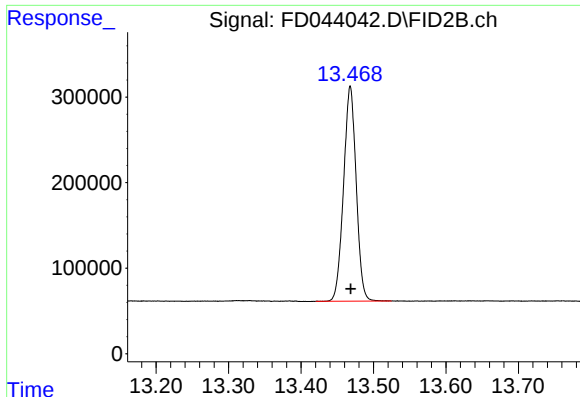
#11 n-Heneicosane (C21)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 3025530
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

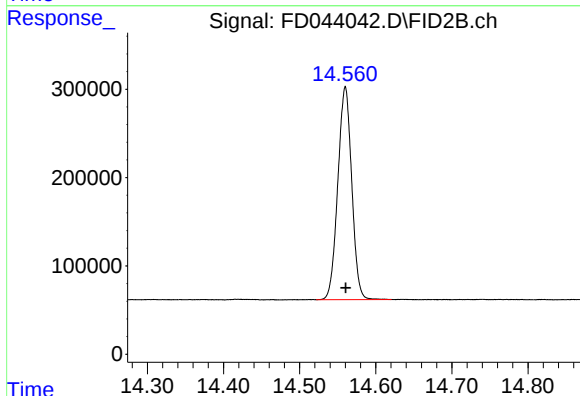
R.T.: 12.723 min
Delta R.T.: -0.001 min
Response: 2545951
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

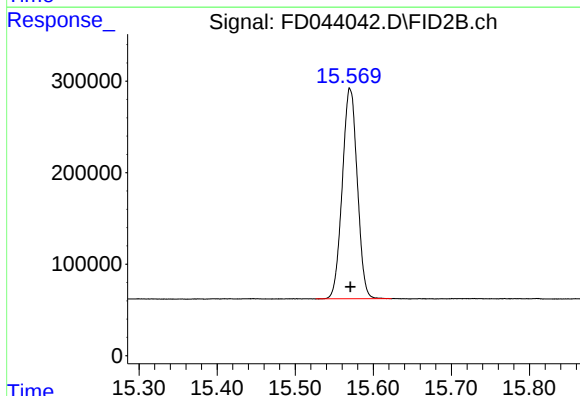
R.T.: 13.468 min
Delta R.T.: 0.000 min
Response: 3045503
Conc: 20.26 ug/ml

Instrument :
FID_D
ClientSampleId :



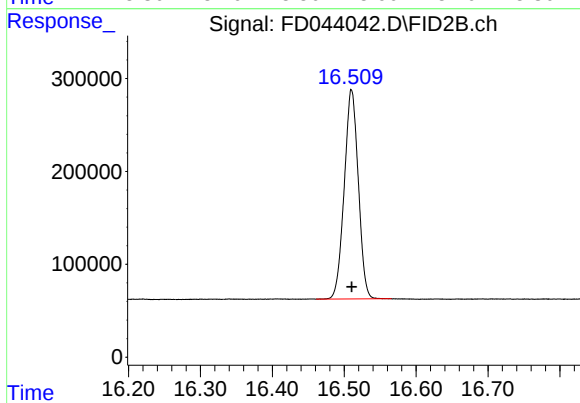
#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 3056321
Conc: 20.25 ug/ml



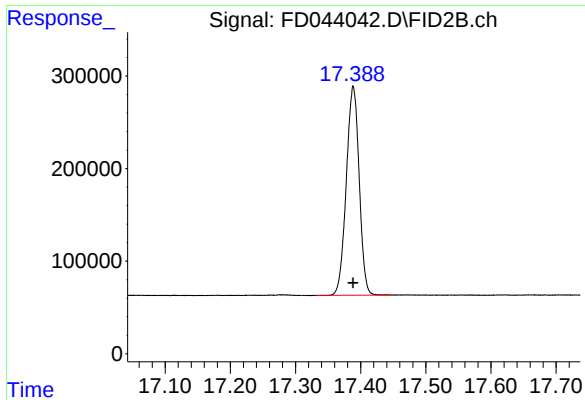
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3069668
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

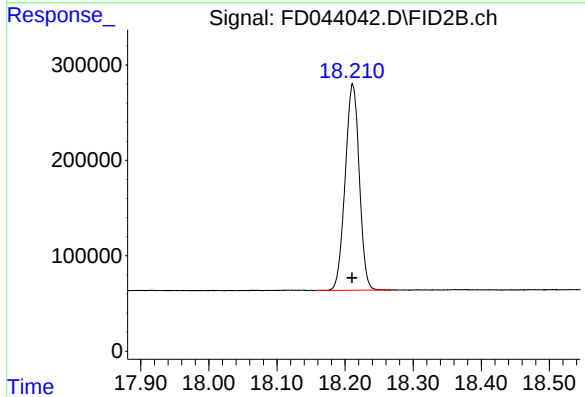
R.T.: 16.510 min
Delta R.T.: 0.000 min
Response: 3053998
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

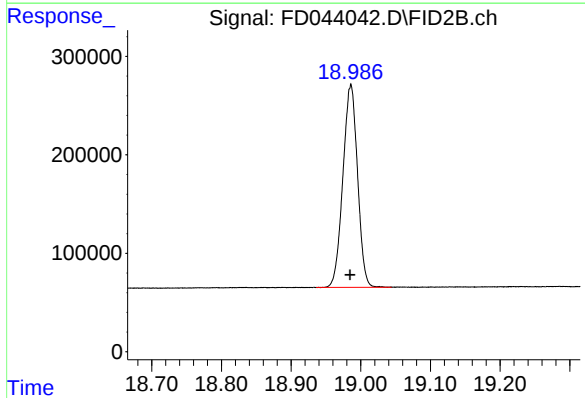
R.T.: 17.389 min
Delta R.T.: 0.000 min
Response: 3100562
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



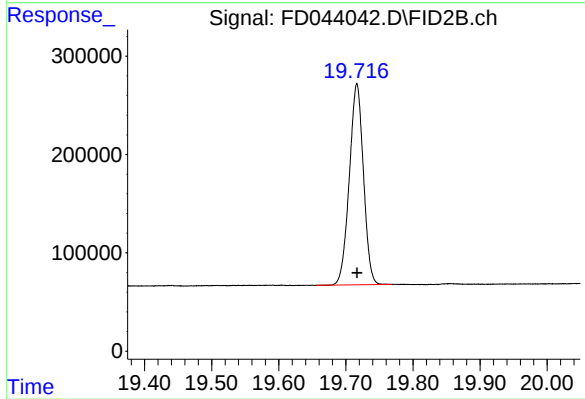
#18 n-Dotriacontane (C32)

R.T.: 18.211 min
Delta R.T.: 0.000 min
Response: 3111980
Conc: 20.29 ug/ml



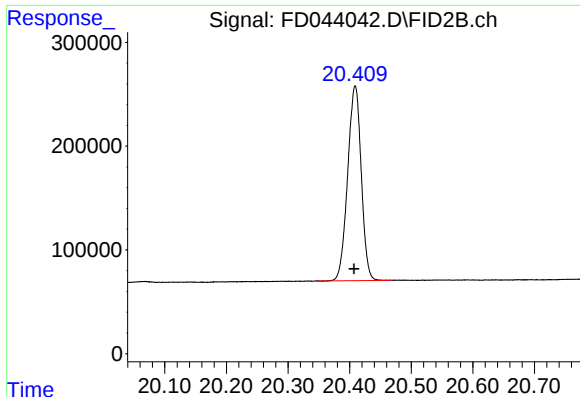
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 3003727
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

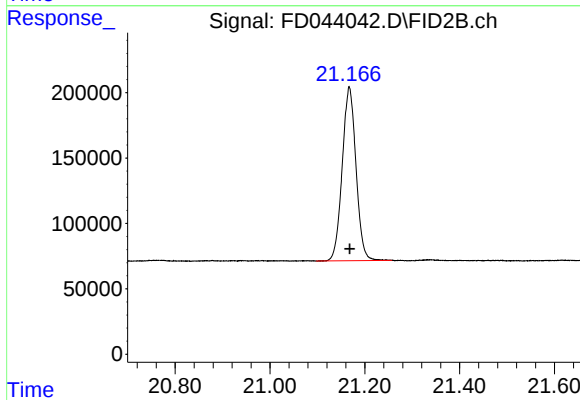
R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 2988105
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: 0.002 min
Response: 2872622
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.167 min
Delta R.T.: -0.001 min
Response: 2673972
Conc: 20.56 ug/ml