

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049751.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 09:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 01:20:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.886	3080915	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.321	2321052	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.274	2848002	18.403 ug/ml
2) T n-Decane (C10)	4.525	2933667	18.580 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3028999	18.878 ug/ml
4) T n-Dodecane (C12)	6.692	2952856	18.783 ug/ml
5) T A~2-methylnaphthalene...	7.328	2842385	18.980 ug/ml
6) T n-Tetradecane (C14)	8.520	2894547	18.750 ug/ml
7) T n-Hexadecane (C16)	10.126	2964953	18.984 ug/ml
8) T n-Octadecane (C18)	11.568	2982520	18.991 ug/ml
10) T n-Eicosane (C20)	12.876	2840799	19.027 ug/ml
11) T n-Heneicosane (C21)	13.487	2792037	19.033 ug/ml
13) T n-Docosane (C22)	14.072	2761752	18.948 ug/ml
14) T n-Tetracosane (C24)	15.173	2764204	19.002 ug/ml
15) T n-Hexacosane (C26)	16.194	2730437	18.919 ug/ml
16) T n-Octacosane (C28)	17.142	2774916	19.265 ug/ml
17) T n-Tricontane (C30)	18.028	2980621	19.910 ug/ml
18) T n-Dotriacontane (C32)	18.860	3111967	20.571 ug/ml
19) T n-Tetratriacontane (C34)	19.643	3133485	20.496 ug/ml
20) T n-Hexatriacontane (C36)	20.383	3112038	20.494 ug/ml
21) T n-Octatriacontane (C38)	21.109	3131712	19.953 ug/ml
22) T n-Tetracontane (C40)	22.003	2737552	17.930 ug/ml

(f)=RT Delta > 1/2 Window

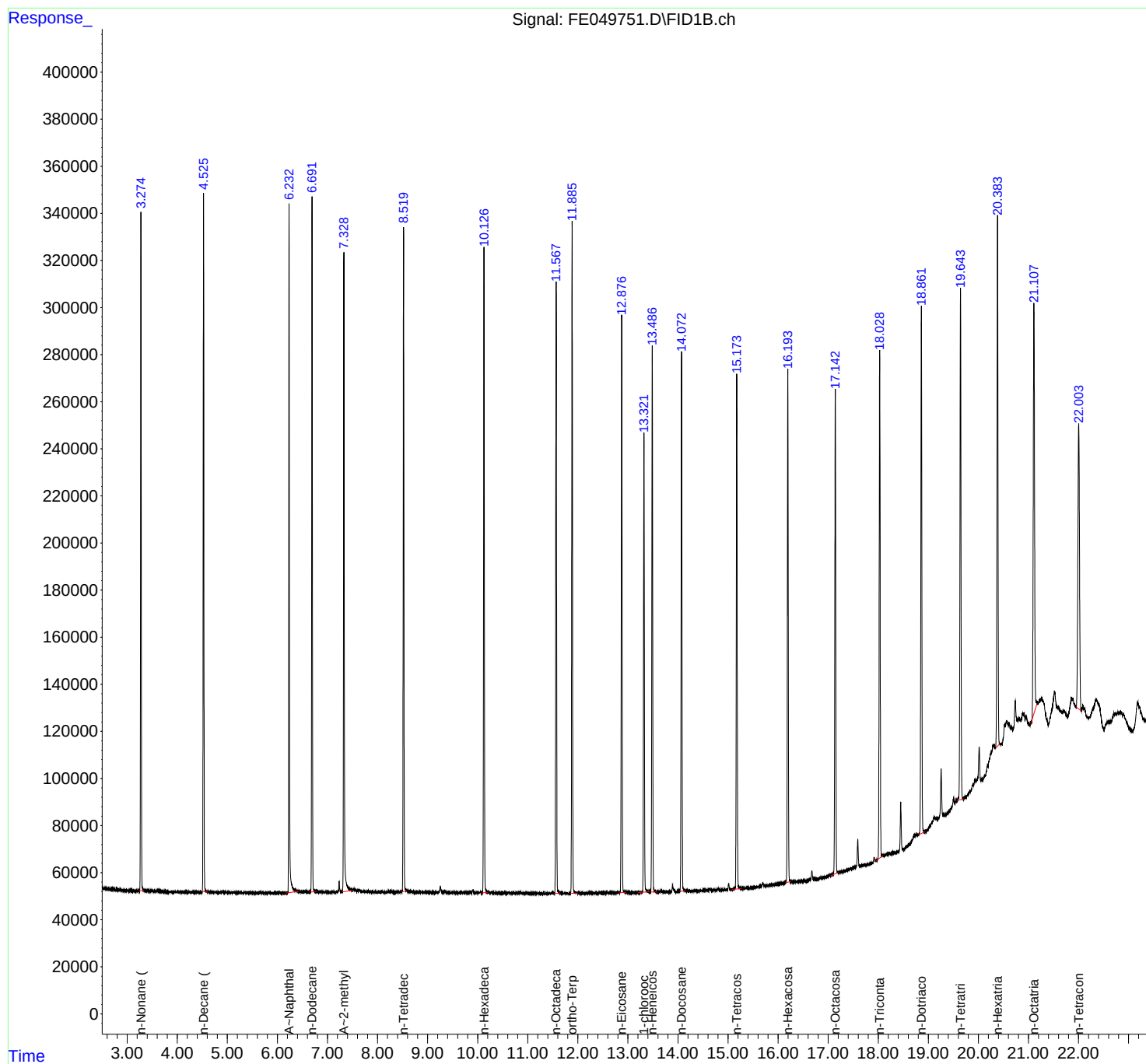
(m)=manual int.

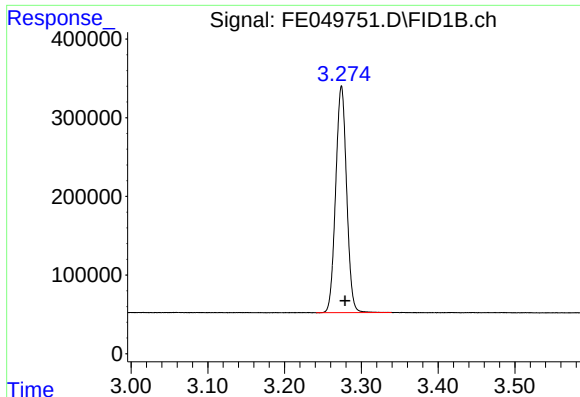
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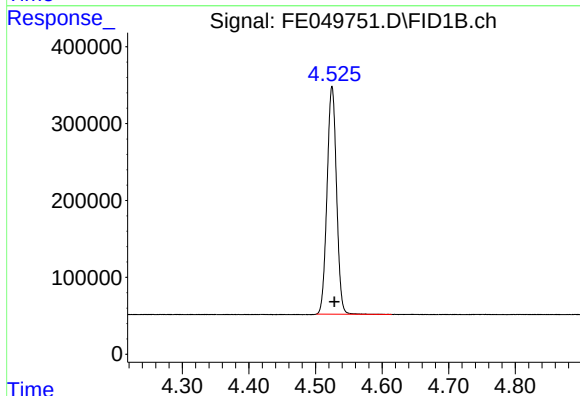




#1 n-Nonane (C9)

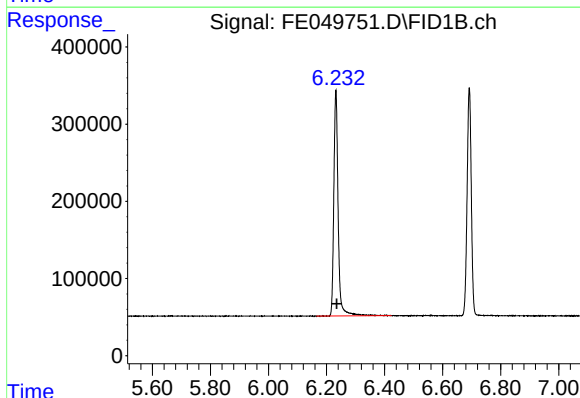
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 2848002
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :



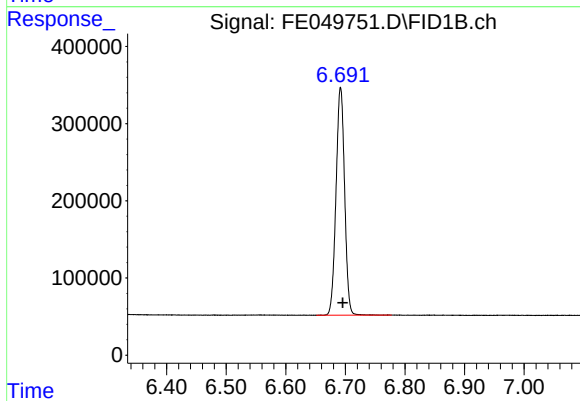
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 2933667
Conc: 18.58 ug/ml



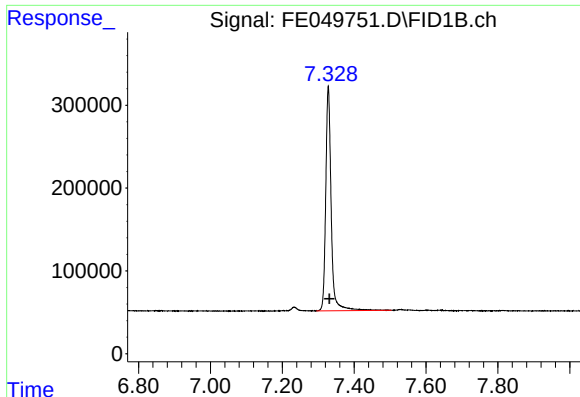
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 3028999
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

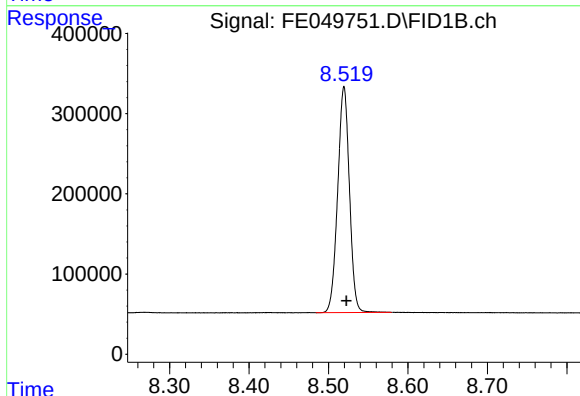
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 2952856
Conc: 18.78 ug/ml



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

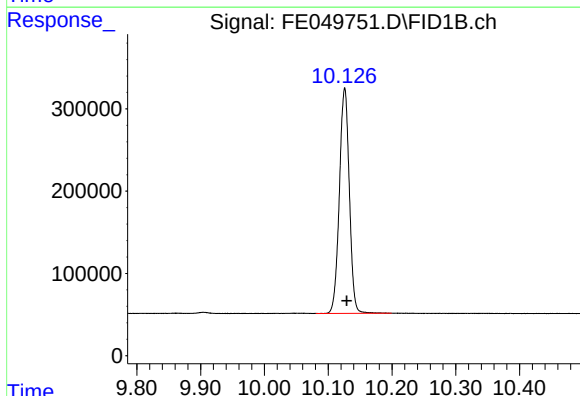
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 2842385
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :



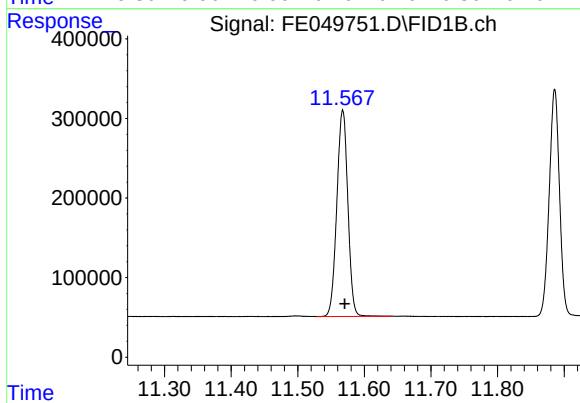
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 2894547
Conc: 18.75 ug/ml



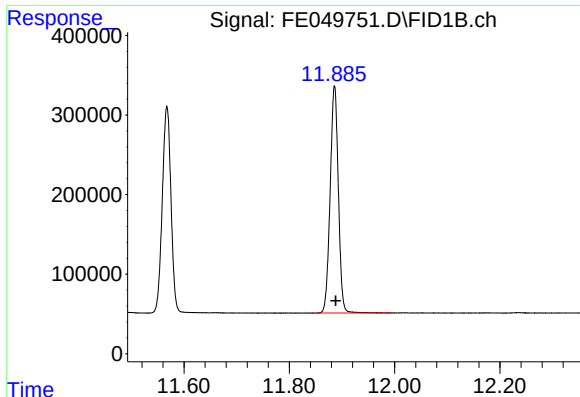
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 2964953
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

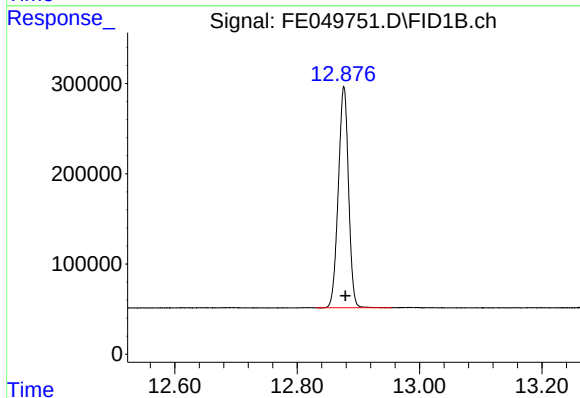
R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 2982520
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

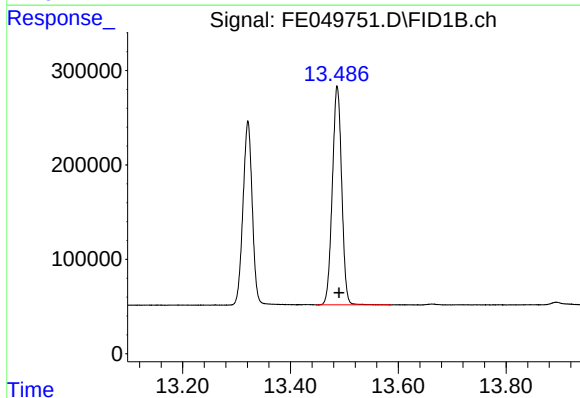
R.T.: 11.886 min
Delta R.T.: -0.003 min
Response: 3080915
Conc: 19.05 ug/ml

Instrument :
FID_E
ClientSampleId :



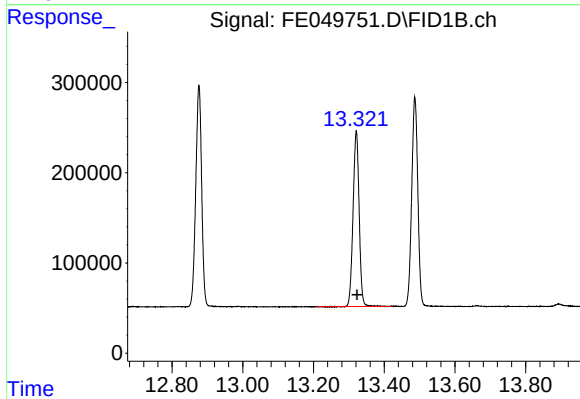
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 2840799
Conc: 19.03 ug/ml



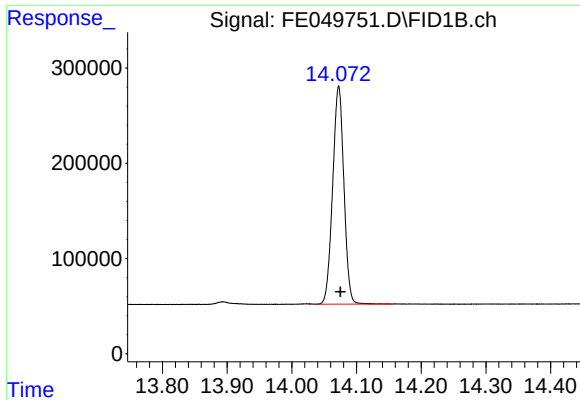
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 2792037
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

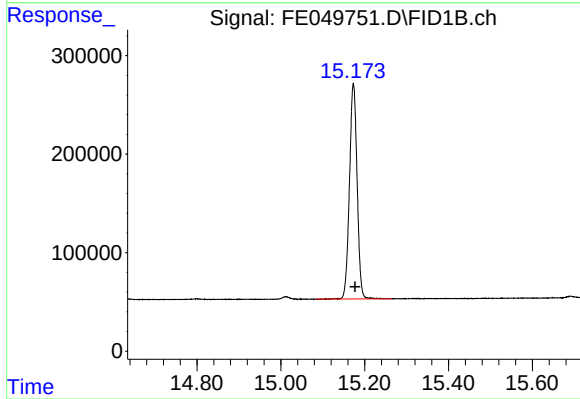
R.T.: 13.321 min
Delta R.T.: -0.002 min
Response: 2321052
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

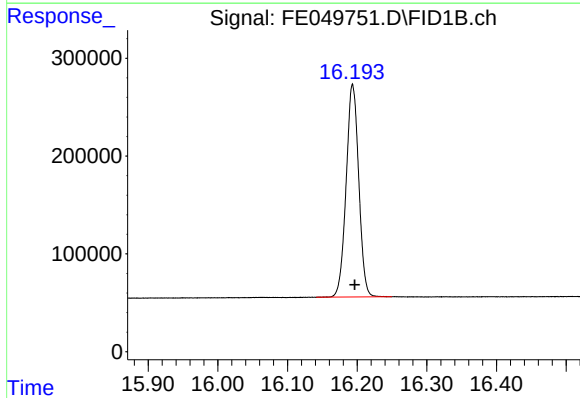
R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 2761752
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :



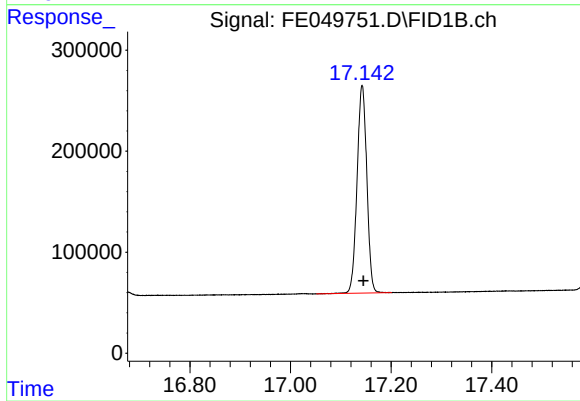
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 2764204
Conc: 19.00 ug/ml



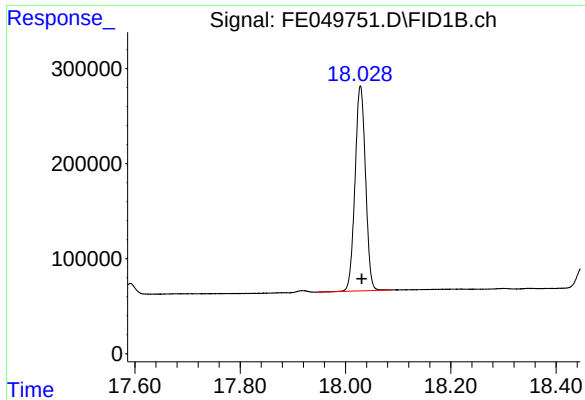
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 2730437
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

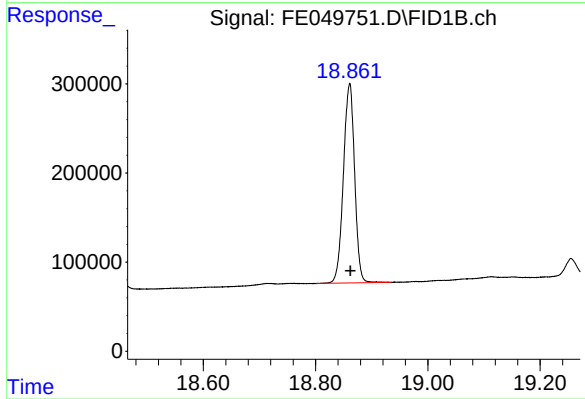
R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 2774916
Conc: 19.27 ug/ml



#17 n-Tricontane (C30)

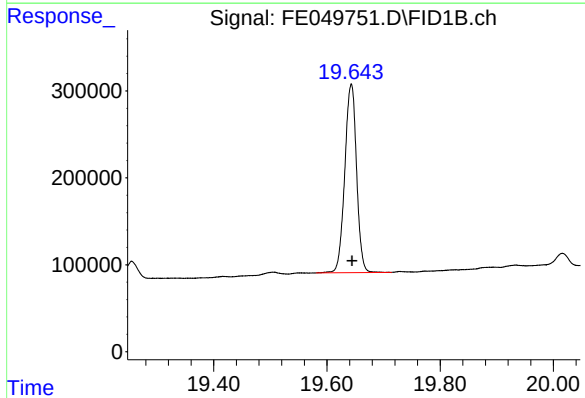
R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 2980621
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :



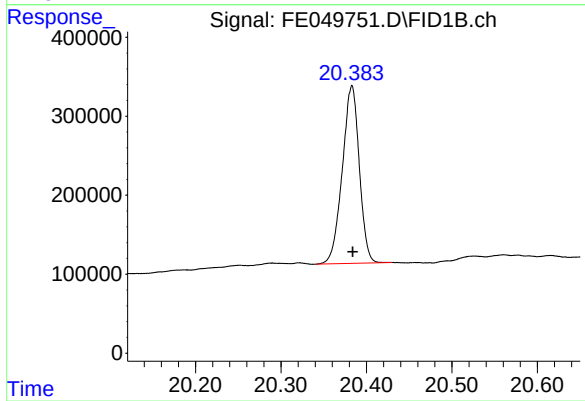
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.002 min
Response: 3111967
Conc: 20.57 ug/ml



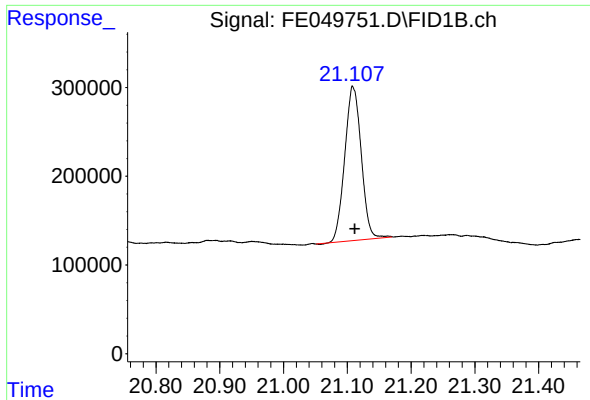
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.002 min
Response: 3133485
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

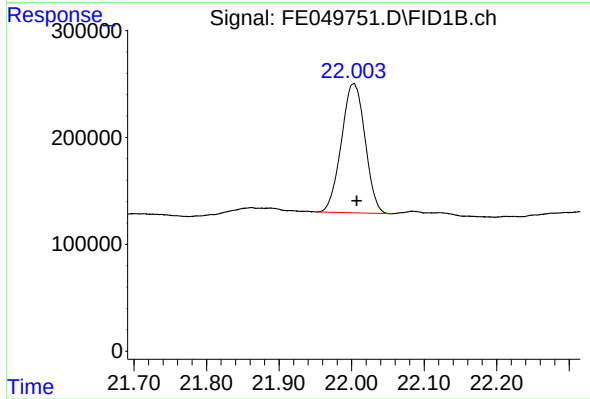
R.T.: 20.383 min
Delta R.T.: -0.001 min
Response: 3112038
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.002 min
Response: 3131712
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.004 min
Response: 2737552
Conc: 17.93 ug/ml