

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090922AL\
 Data File : FE037477.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2022 10:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 12 02:41:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.644	3051202	18.055 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.068	2339761	18.180 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.035	2832894	18.515 ug/ml
2) T n-Decane (C10)	4.293	2941842	19.081 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2931787	20.350 ug/ml
4) T n-Dodecane (C12)	6.465	3013995	19.060 ug/ml
5) T A~2-methylnaphthalene...	7.101	2881402	20.638 ug/ml
6) T n-Tetradecane (C14)	9.885	2982756	18.824 ug/ml
7) T n-Hexadecane (C16)	9.885	2982756	18.824 ug/ml
8) T n-Octadecane (C18)	11.321	2944658	18.492 ug/ml
10) T n-Eicosane (C20)	12.625	2868730	18.131 ug/ml
11) T n-Heneicosane (C21)	13.235	2833359	17.968 ug/ml
13) T n-Docosane (C22)	13.817	2784596	17.888 ug/ml
14) T n-Tetracosane (C24)	14.915	2697641	17.936 ug/ml
15) T n-Hexacosane (C26)	15.931	2633772	18.189 ug/ml
16) T n-Octacosane (C28)	16.878	2622593	18.930 ug/ml
17) T n-Tricontane (C30)	17.761	2825220	20.769 ug/ml
18) T n-Dotriacontane (C32)	18.591	2923664	21.895 ug/ml
19) T n-Tetratriacontane (C34)	19.371	2891373	22.852 ug/ml
20) T n-Hexatriacontane (C36)	20.109	2876763	22.367 ug/ml
21) T n-Octatriacontane (C38)	20.807	2945559	23.667 ug/ml
22) T n-Tetracontane (C40)	21.593	2916221	22.621 ug/ml

(f)=RT Delta > 1/2 Window

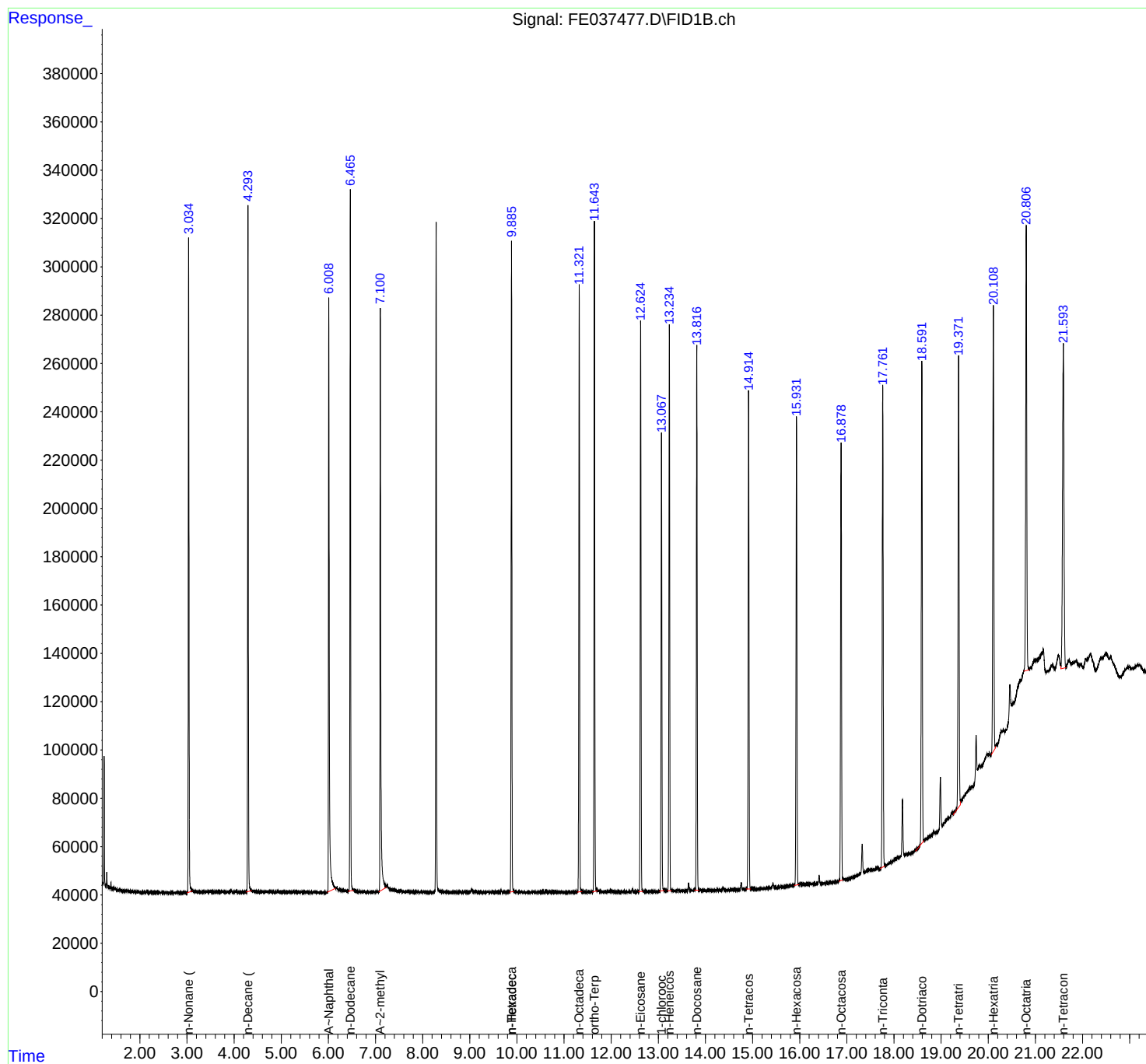
(m)=manual int.

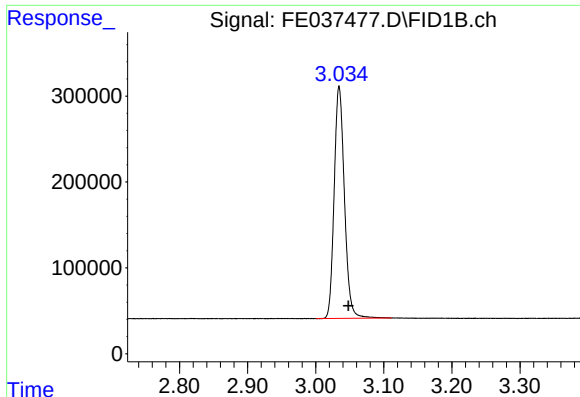
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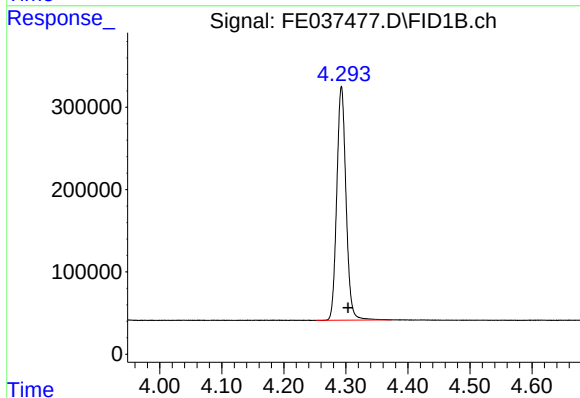




#1 n-Nonane (C9)

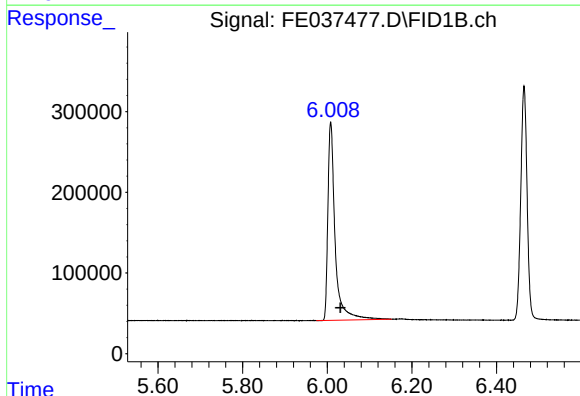
R.T.: 3.035 min
Delta R.T.: -0.014 min
Response: 2832894
Conc: 18.51 ug/ml

Instrument :
FID_E
ClientSampleId :



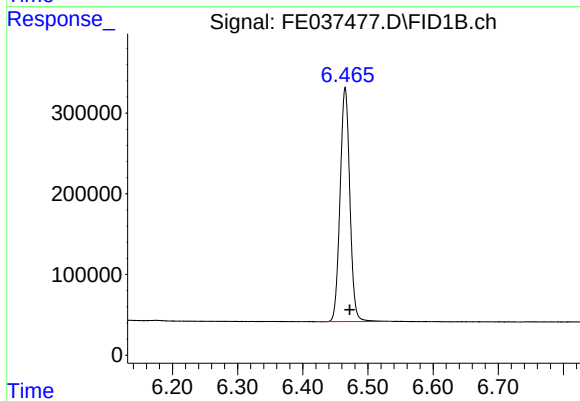
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.010 min
Response: 2941842
Conc: 19.08 ug/ml



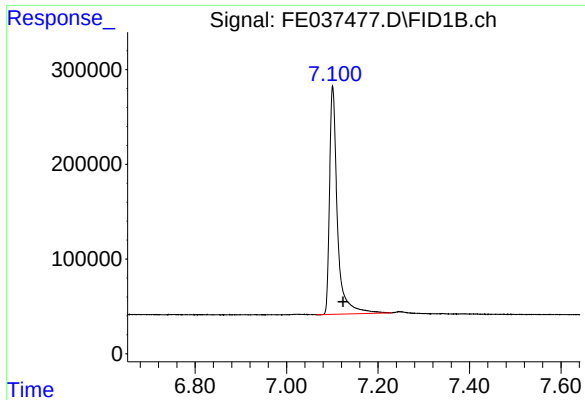
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.022 min
Response: 2931787
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

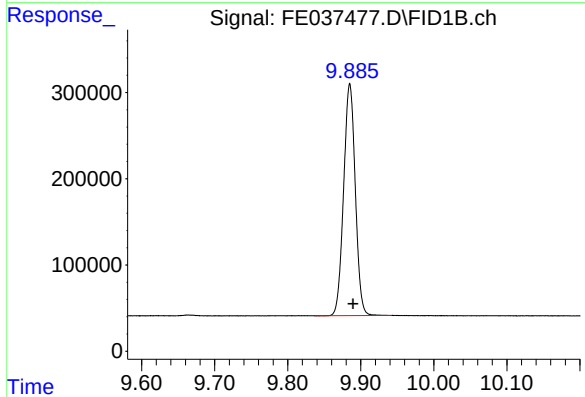
R.T.: 6.465 min
Delta R.T.: -0.007 min
Response: 3013995
Conc: 19.06 ug/ml



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

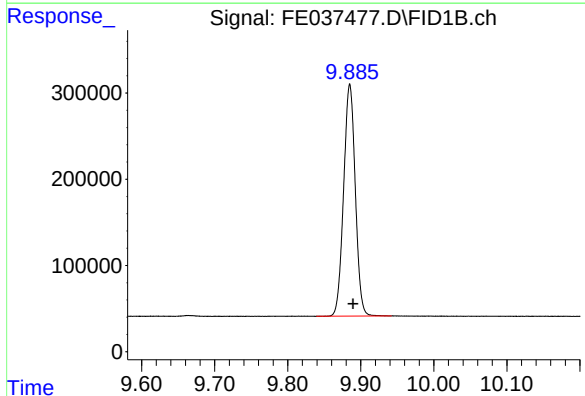
R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 2881402
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :



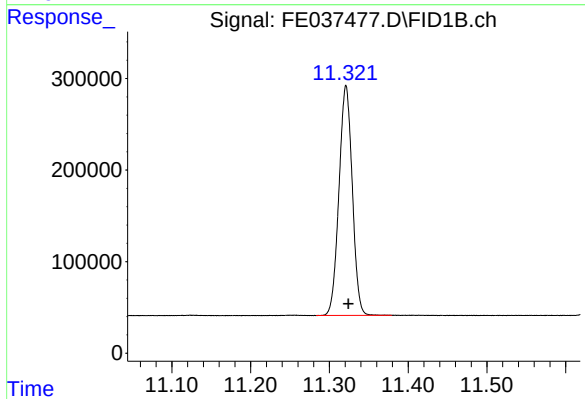
#6 n-Tetradecane (C14)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 2982756
Conc: 18.82 ug/ml



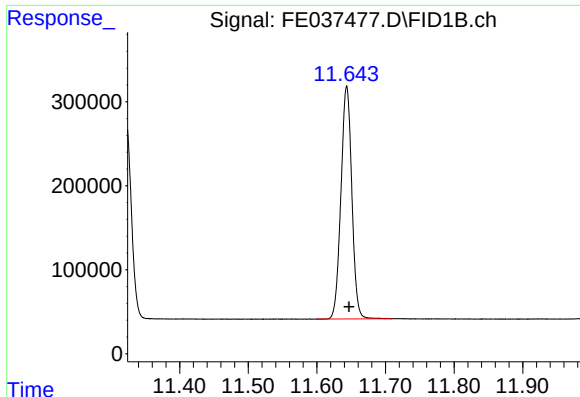
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 2982756
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

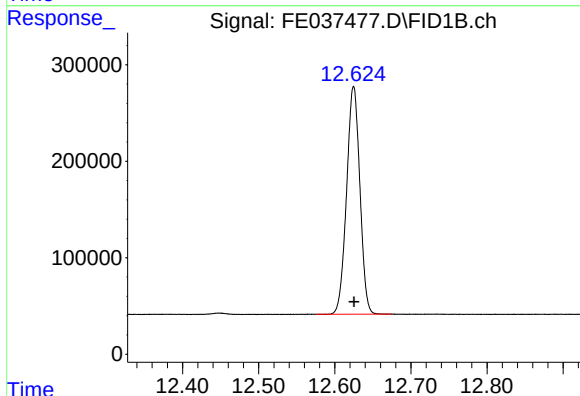
R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 2944658
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

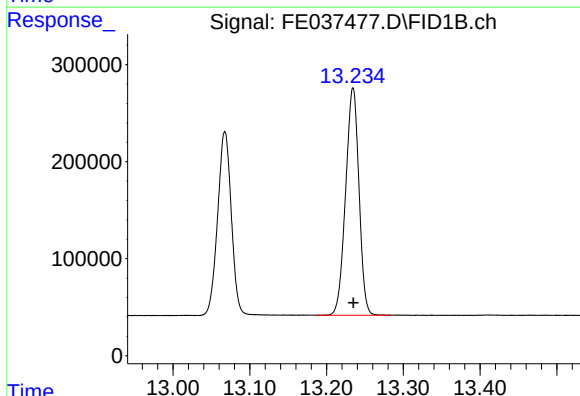
R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 3051202
Conc: 18.06 ug/ml

Instrument :
FID_E
ClientSampleId :



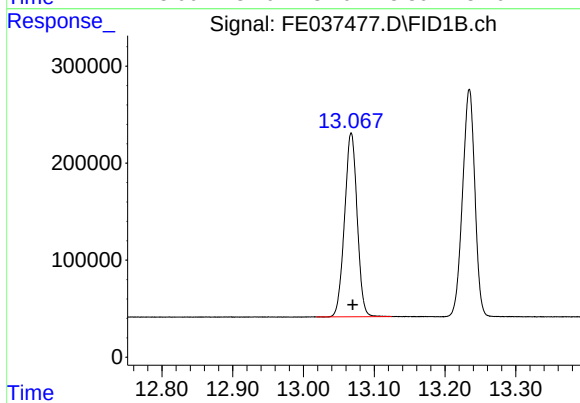
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 2868730
Conc: 18.13 ug/ml



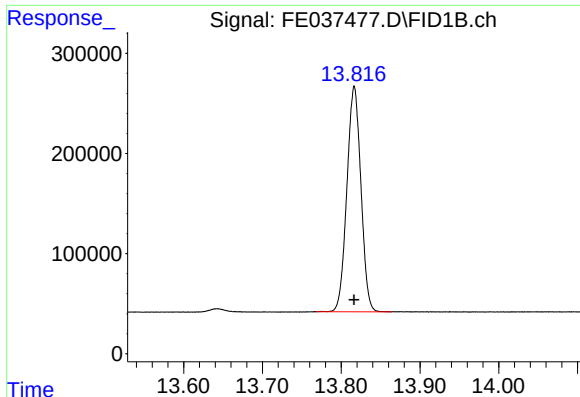
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 2833359
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

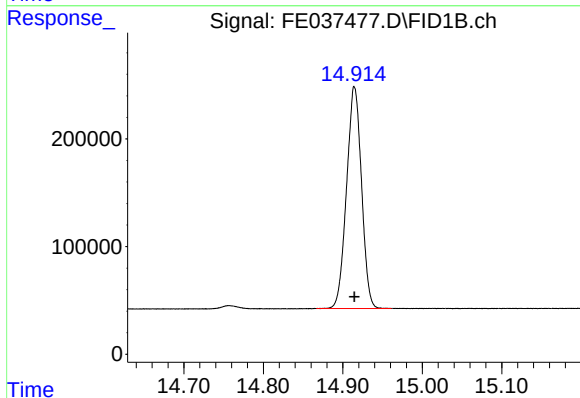
R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 2339761
Conc: 18.18 ug/ml



#13 n-Docosane (C22)

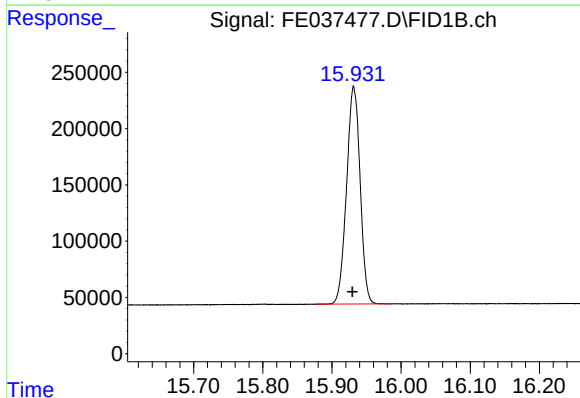
R.T.: 13.817 min
Delta R.T.: 0.000 min
Response: 2784596
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :



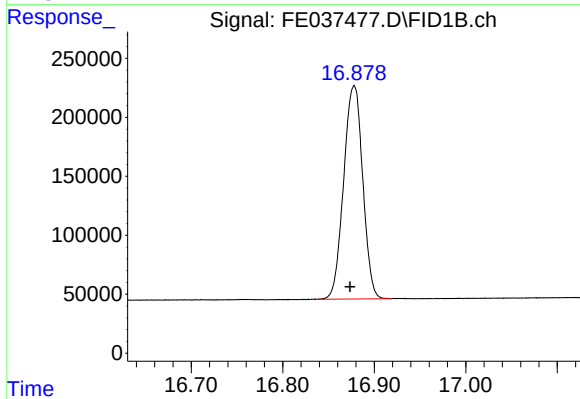
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 2697641
Conc: 17.94 ug/ml



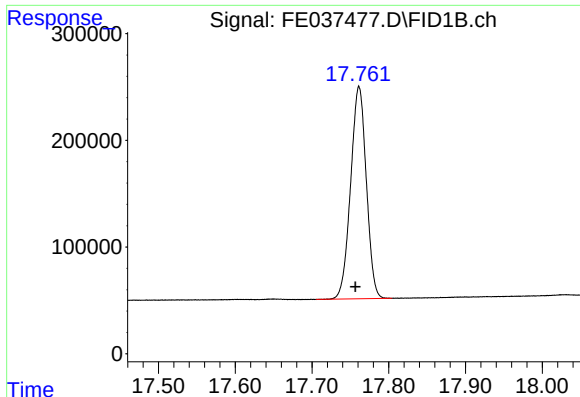
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: 0.002 min
Response: 2633772
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

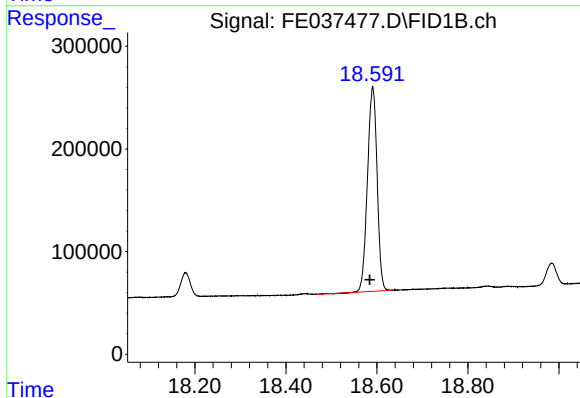
R.T.: 16.878 min
Delta R.T.: 0.005 min
Response: 2622593
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

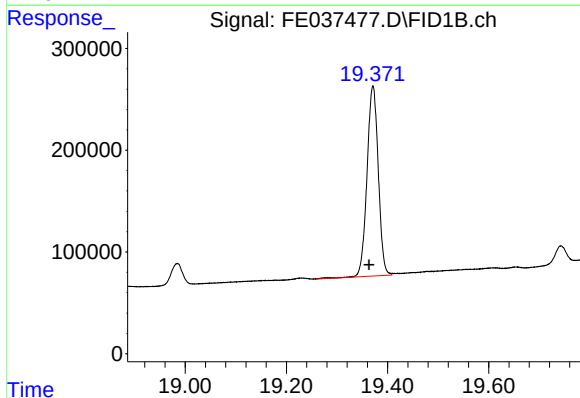
R.T.: 17.761 min
Delta R.T.: 0.005 min
Response: 2825220
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :



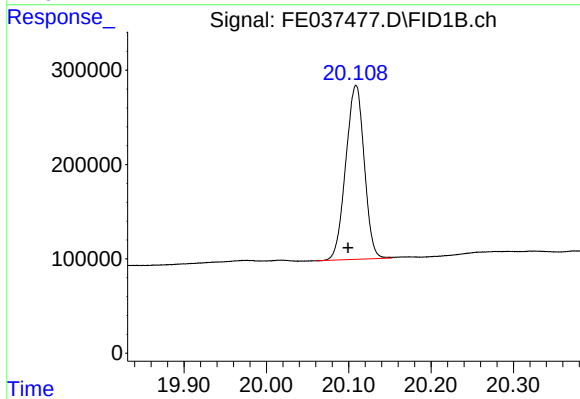
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: 0.007 min
Response: 2923664
Conc: 21.89 ug/ml



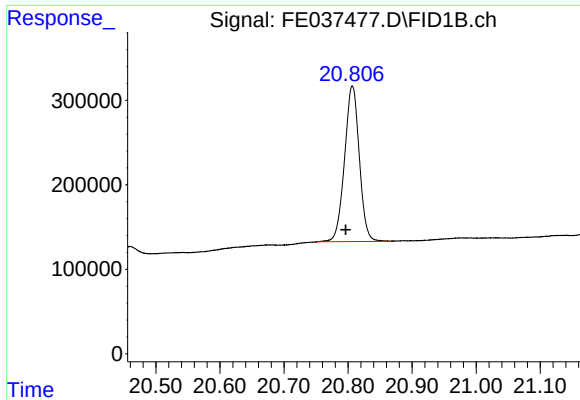
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min
Delta R.T.: 0.008 min
Response: 2891373
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

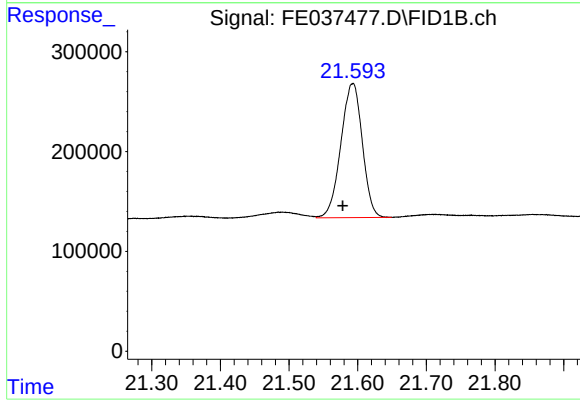
R.T.: 20.109 min
Delta R.T.: 0.010 min
Response: 2876763
Conc: 22.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.010 min
Response: 2945559
Conc: 23.67 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.015 min
Response: 2916221
Conc: 22.62 ug/ml