

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037282.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 20:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 02:45:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 27 02:21:03 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)	11.657	3395575	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.079	2633361	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.052	3117053	20.923 ug/ml
2) T n-Decane (C10)	4.308	3172053	21.176 ug/ml
3) T A~Naphthalene (C11.7)	6.025	3144303	21.720 ug/ml
4) T n-Dodecane (C12)	6.479	3238898	20.951 ug/ml
5) T A~2-methylnaphthalene...	7.117	3077721	22.247 ug/ml
6) T n-Tetradecane (C14)	9.898	3245092	20.632 ug/ml
7) T n-Hexadecane (C16)	9.898	3245092	20.632 ug/ml
8) T n-Octadecane (C18)	11.333	3240892	20.110 ug/ml
10) T n-Eicosane (C20)	12.635	3195827	19.409 ug/ml
11) T n-Heneicosane (C21)	13.244	3159426	19.101 ug/ml
13) T n-Docosane (C22)	13.827	3108311	18.711 ug/ml
14) T n-Tetracosane (C24)	14.925	2986773	18.093 ug/ml
15) T n-Hexacosane (C26)	15.941	2872894	17.620 ug/ml
16) T n-Octacosane (C28)	16.886	2780529	17.512 ug/ml
17) T n-Tricontane (C30)	17.769	2726386	17.554 ug/ml
18) T n-Dotriacontane (C32)	18.597	2835096	19.007 ug/ml
19) T n-Tetratriacontane (C34)	19.376	2530228	18.831 ug/ml
20) T n-Hexatriacontane (C36)	20.113	2724981	21.226 ug/ml
21) T n-Octatriacontane (C38)	20.810	2717885	22.640 ug/ml
22) T n-Tetracontane (C40)	21.597	2797852	23.165 ug/ml

(f)=RT Delta > 1/2 Window

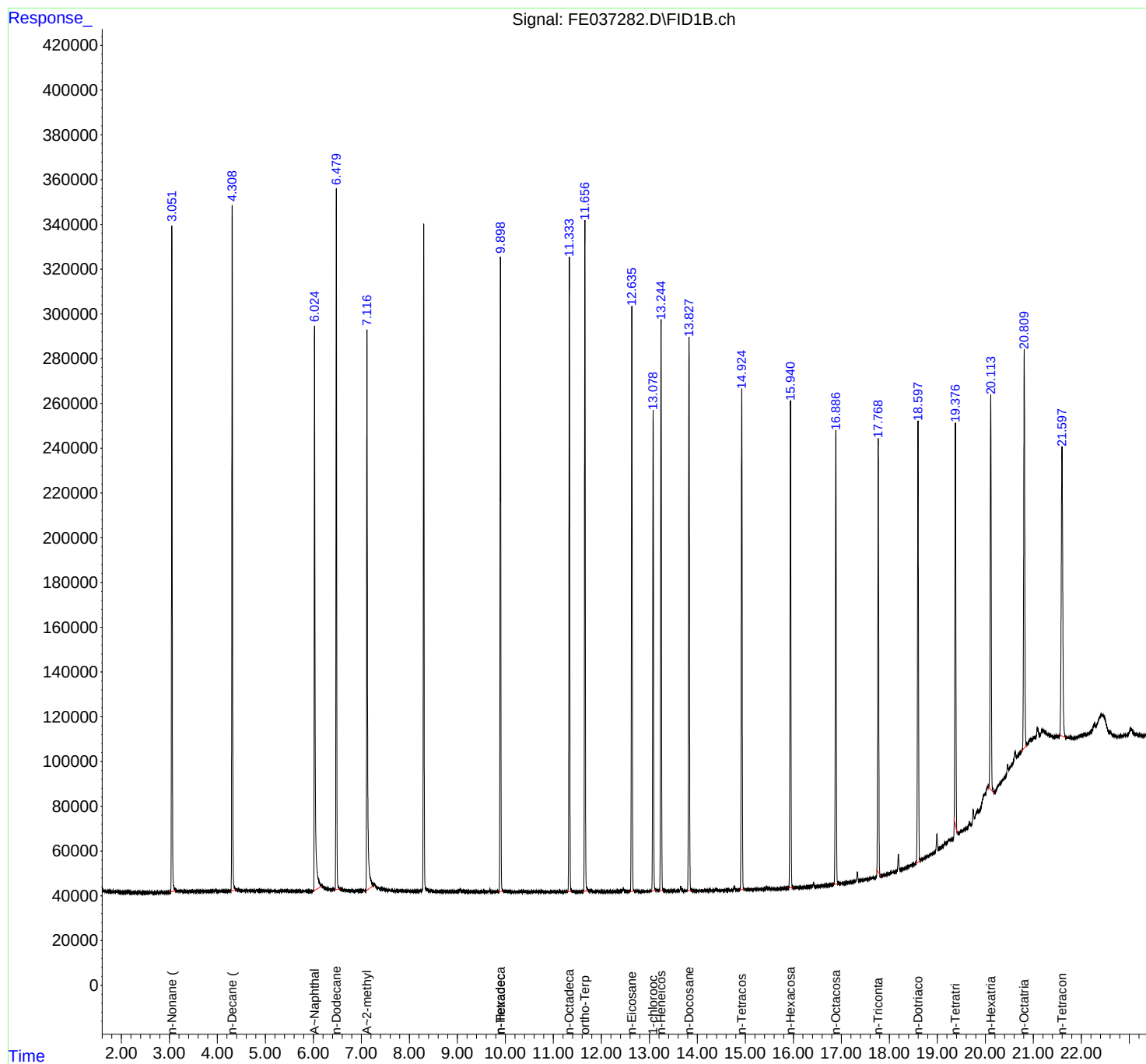
(m)=manual int.

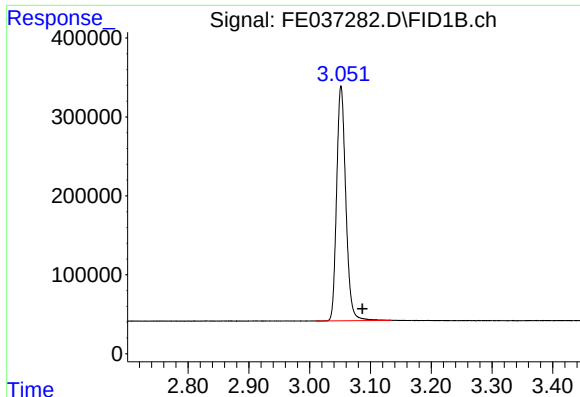
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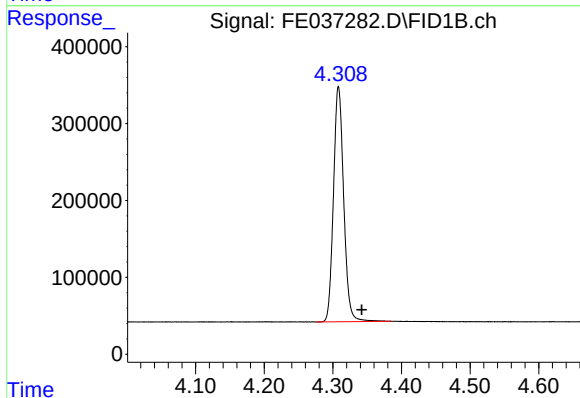




#1 n-Nonane (C9)

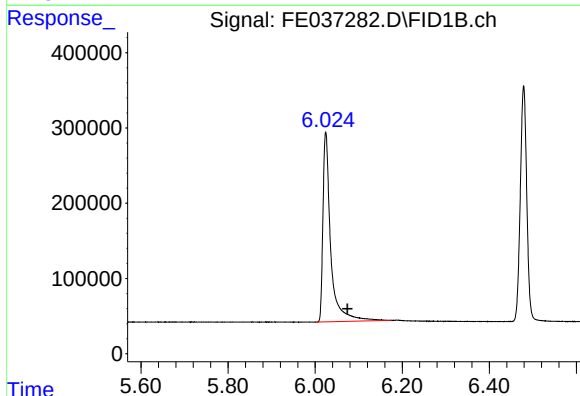
R.T.: 3.052 min
Delta R.T.: -0.035 min
Response: 3117053
Conc: 20.92 ug/ml

Instrument :
FID_E
ClientSampleId :



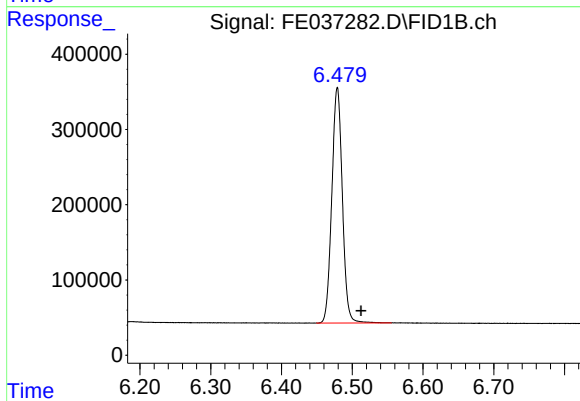
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.034 min
Response: 3172053
Conc: 21.18 ug/ml



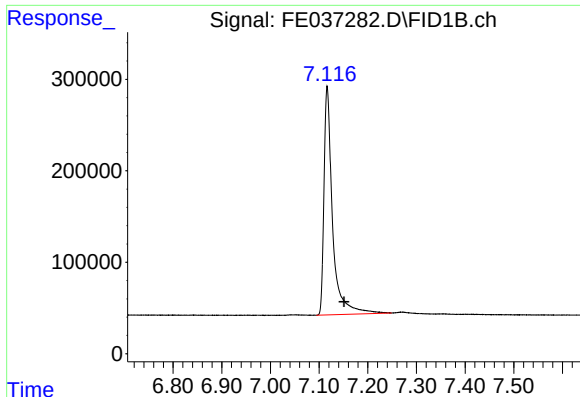
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.049 min
Response: 3144303
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

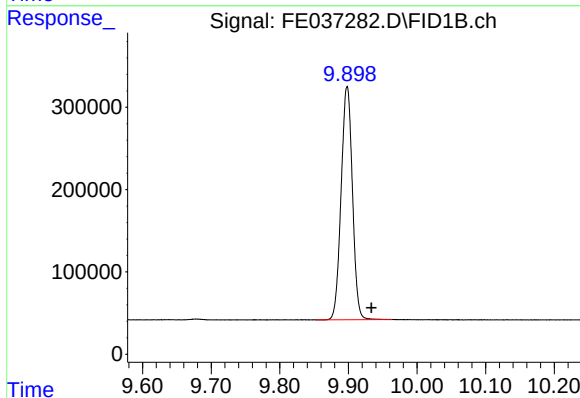
R.T.: 6.479 min
Delta R.T.: -0.034 min
Response: 3238898
Conc: 20.95 ug/ml



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

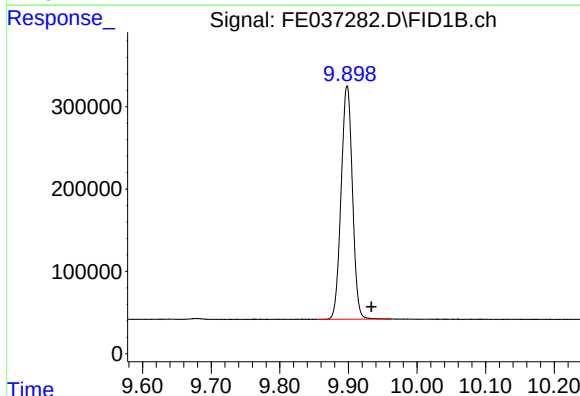
R.T.: 7.117 min
Delta R.T.: -0.034 min
Response: 3077721
Conc: 22.25 ug/ml

Instrument :
FID_E
ClientSampleId :



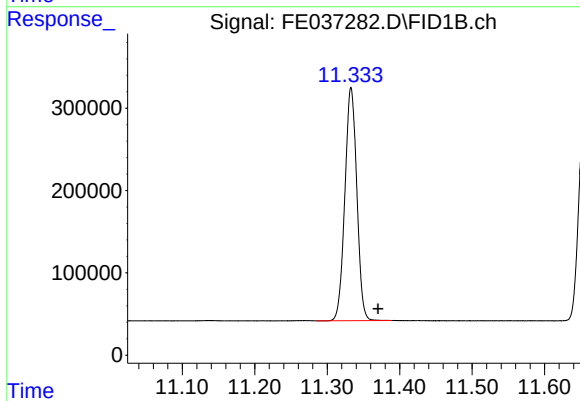
#6 n-Tetradecane (C14)

R.T.: 9.898 min
Delta R.T.: -0.035 min
Response: 3245092
Conc: 20.63 ug/ml



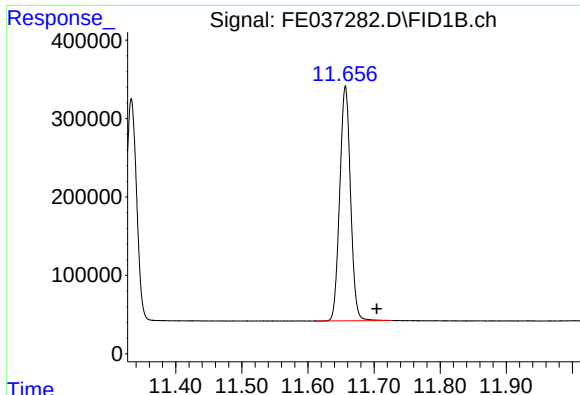
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.035 min
Response: 3245092
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

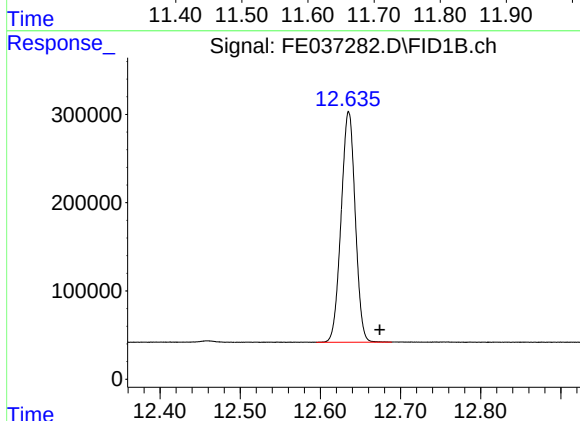
R.T.: 11.333 min
Delta R.T.: -0.038 min
Response: 3240892
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

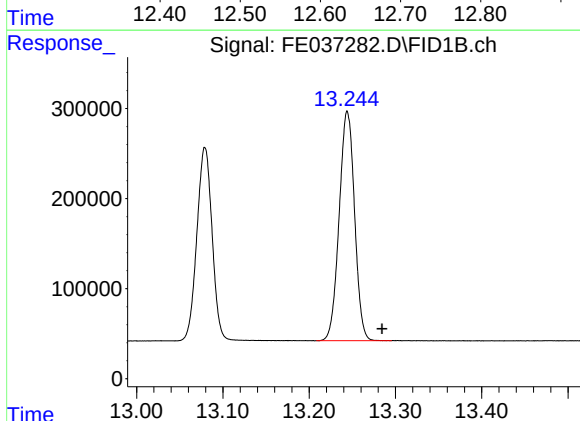
R.T.: 11.657 min
Delta R.T.: -0.047 min
Response: 3395575
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :



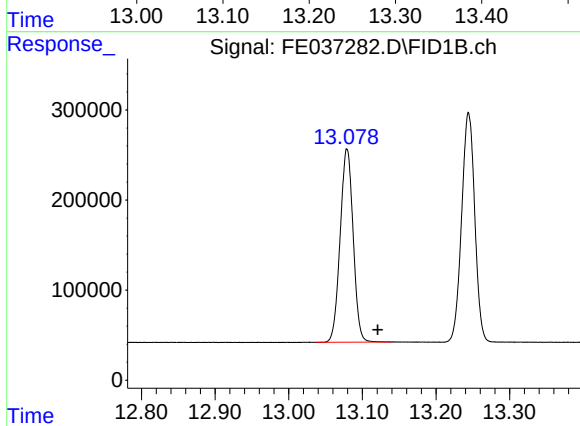
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.039 min
Response: 3195827
Conc: 19.41 ug/ml



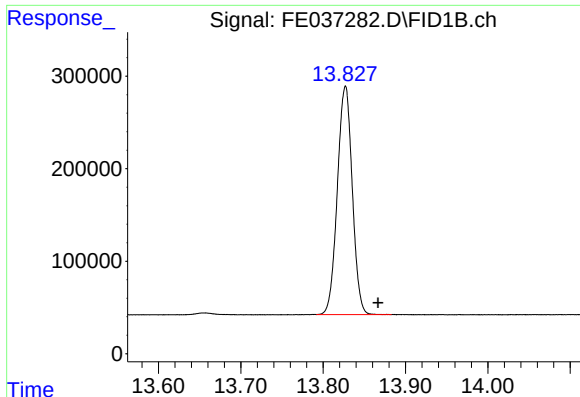
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.040 min
Response: 3159426
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

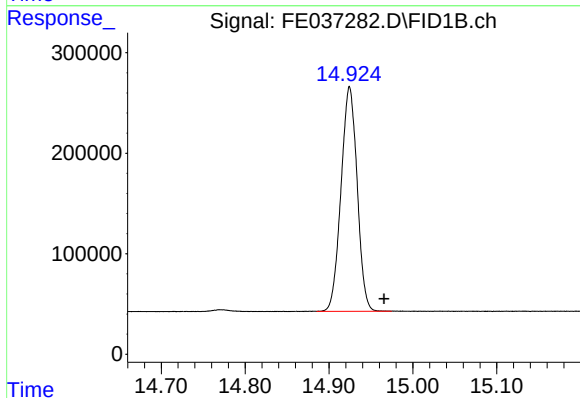
R.T.: 13.079 min
Delta R.T.: -0.042 min
Response: 2633361
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

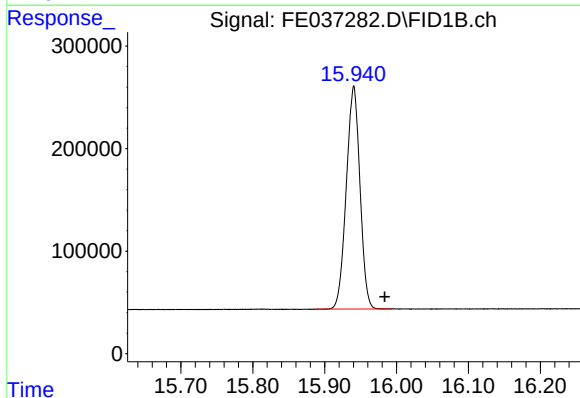
R.T.: 13.827 min
Delta R.T.: -0.040 min
Response: 3108311
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :



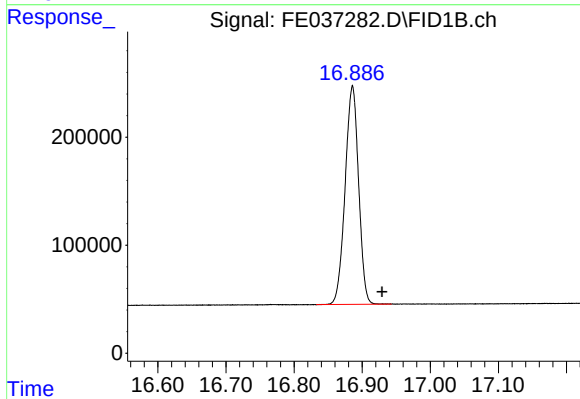
#14 n-Tetracosane (C24)

R.T.: 14.925 min
Delta R.T.: -0.041 min
Response: 2986773
Conc: 18.09 ug/ml



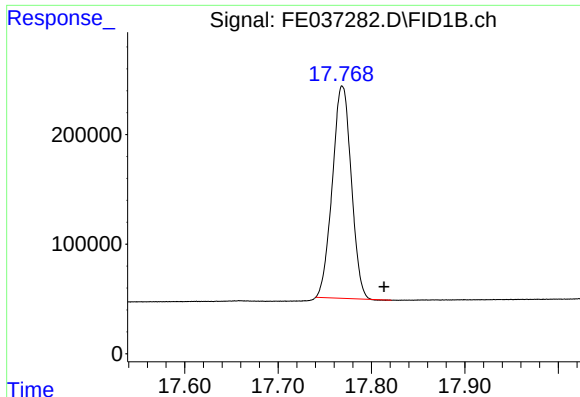
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: -0.043 min
Response: 2872894
Conc: 17.62 ug/ml



#16 n-Octacosane (C28)

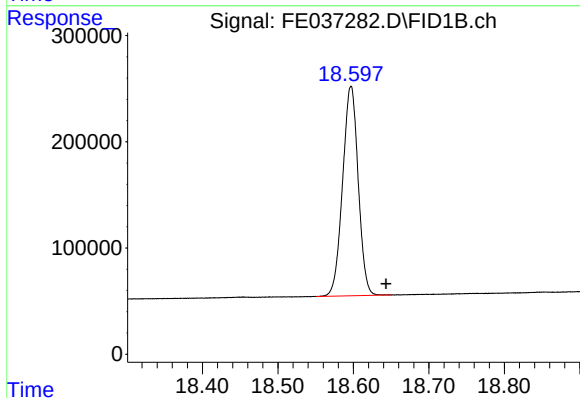
R.T.: 16.886 min
Delta R.T.: -0.043 min
Response: 2780529
Conc: 17.51 ug/ml



#17 n-Tricontane (C30)

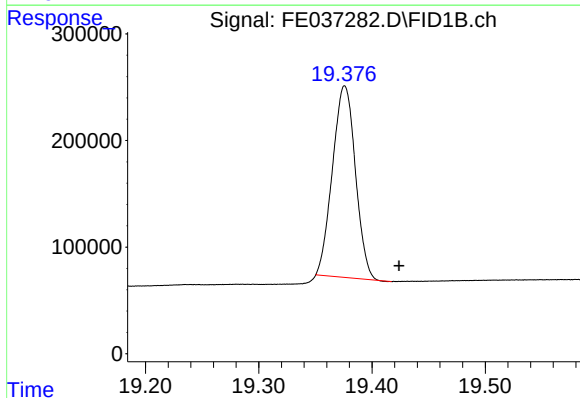
R.T.: 17.769 min
Delta R.T.: -0.045 min
Response: 2726386
Conc: 17.55 ug/ml

Instrument :
FID_E
ClientSampleId :



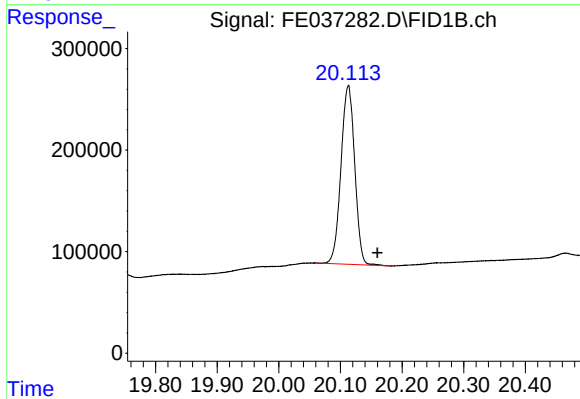
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.046 min
Response: 2835096
Conc: 19.01 ug/ml



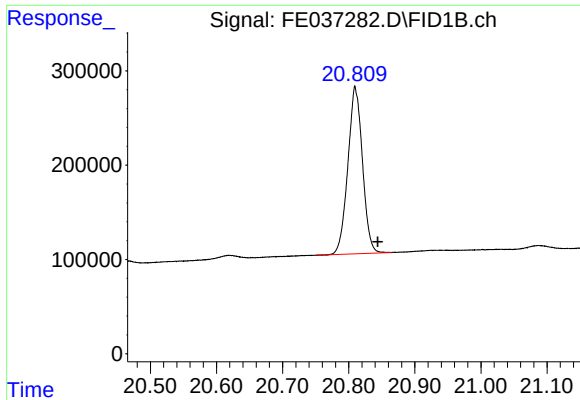
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: -0.048 min
Response: 2530228
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.113 min
Delta R.T.: -0.047 min
Response: 2724981
Conc: 21.23 ug/ml



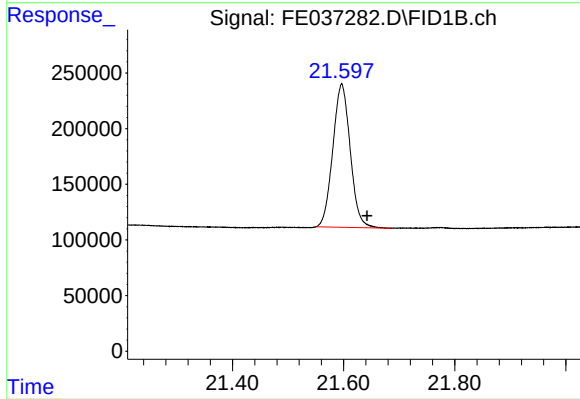
#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.034 min
Response: 2717885
Conc: 22.64 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.045 min
Response: 2797852
Conc: 23.17 ug/ml