

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011623AL\
 Data File : FC062679.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2023 01:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 02:09:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.553	2796723	19.795 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	12.991	2084931	19.793 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.309	2576936	19.271 ug/ml
2) T n-Decane (C10)	4.378	2578978	19.885 ug/ml
3) T A~Naphthalene (C11.7)	5.963	2899891	19.734 ug/ml
4) T n-Dodecane (C12)	6.399	2501920	19.467 ug/ml
5) T A~2-methylnaphthalene...	7.021	2678615	19.592 ug/ml
6) T n-Tetradecane (C14)	8.195	2564963	19.925 ug/ml
7) T n-Hexadecane (C16)	9.796	2577063	19.955 ug/ml
8) T n-Octadecane (C18)	11.238	2595228	20.041 ug/ml
10) T n-Eicosane (C20)	12.548	2487901	20.159 ug/ml
11) T n-Heneicosane (C21)	13.160	2460093	20.072 ug/ml
13) T n-Docosane (C22)	13.745	2454275	20.529 ug/ml
14) T n-Tetracosane (C24)	14.847	2491218	21.391 ug/ml
15) T n-Hexacosane (C26)	15.866	2435487	21.679 ug/ml
16) T n-Octacosane (C28)	16.814	2505606	22.820 ug/ml
17) T n-Tricontane (C30)	17.700	2669799	24.653 ug/ml
18) T n-Dotriacontane (C32)	18.532	2778653	25.452 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2642713	24.308 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2406856	21.638 ug/ml
21) T n-Octatriacontane (C38)	20.783	2321545	21.921 ug/ml
22) T n-Tetracontane (C40)	21.692	2267454	21.292 ug/ml

(f)=RT Delta > 1/2 Window

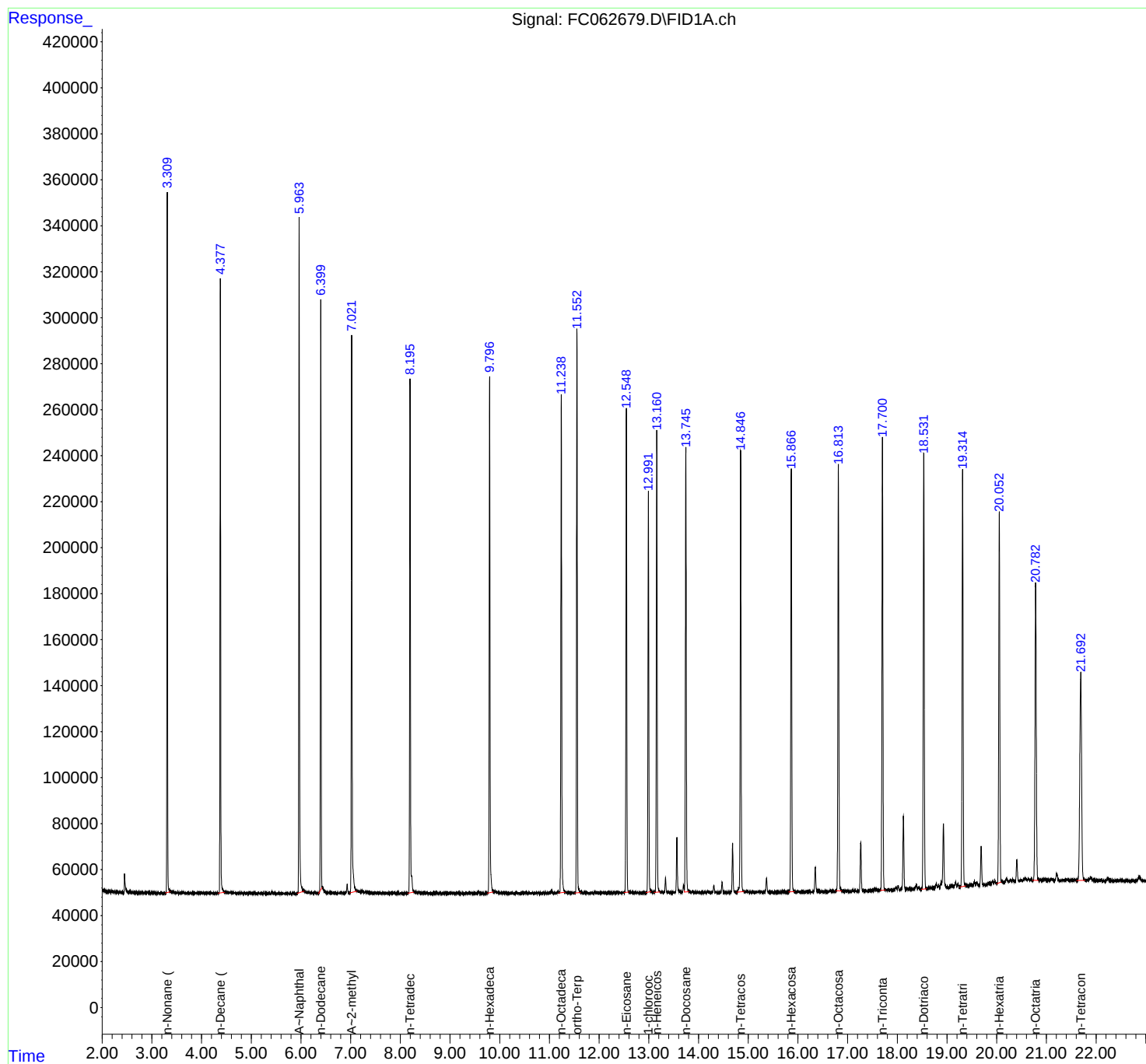
(m)=manual int.

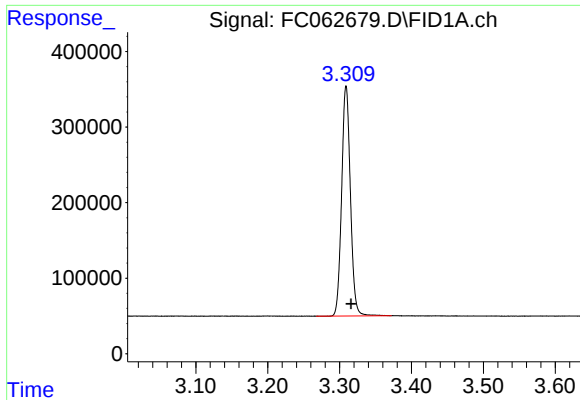
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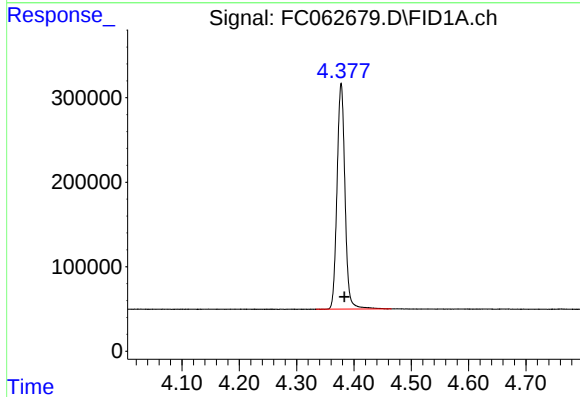




#1 n-Nonane (C9)

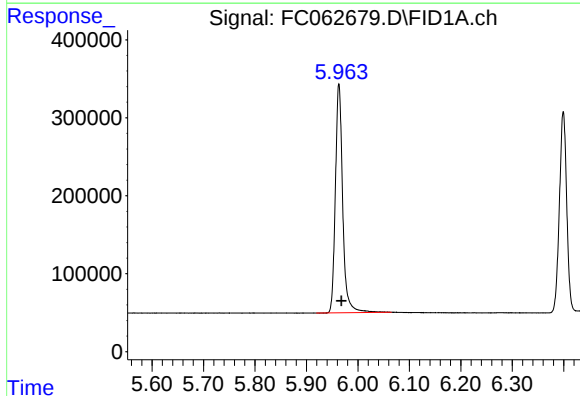
R.T.: 3.309 min
Delta R.T.: -0.007 min
Response: 2576936
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :



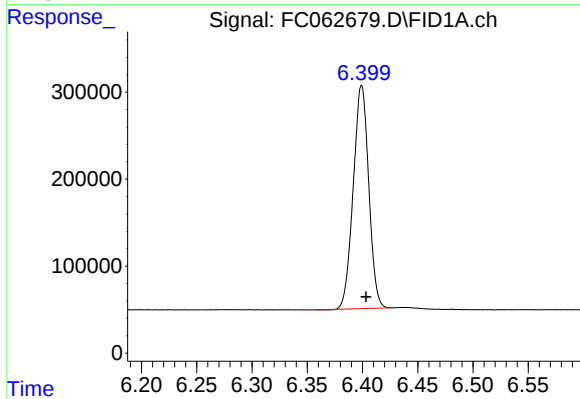
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.005 min
Response: 2578978
Conc: 19.88 ug/ml



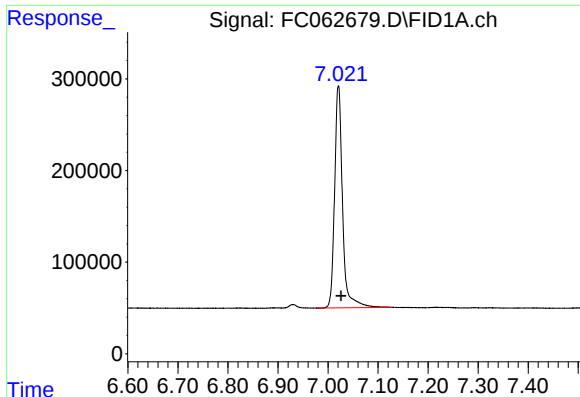
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 2899891
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

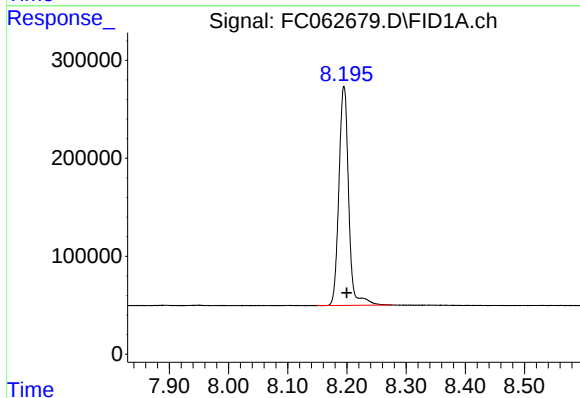
R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2501920
Conc: 19.47 ug/ml



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

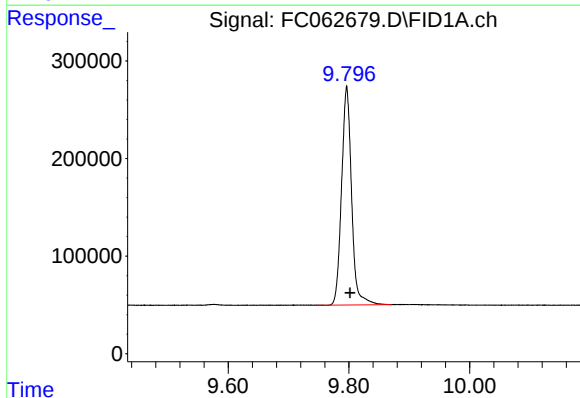
R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 2678615
Conc: 19.59 ug/ml

Instrument :
FID_C
ClientSampleId :



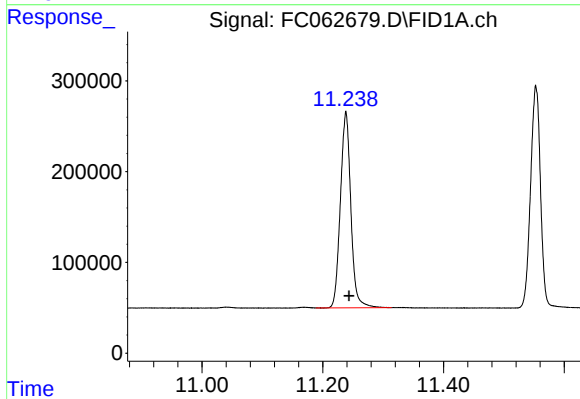
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2564963
Conc: 19.93 ug/ml



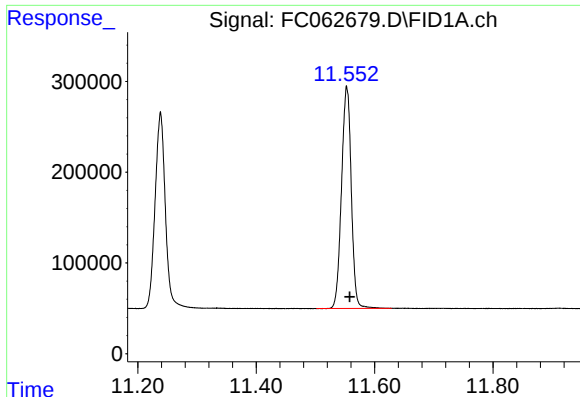
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.006 min
Response: 2577063
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

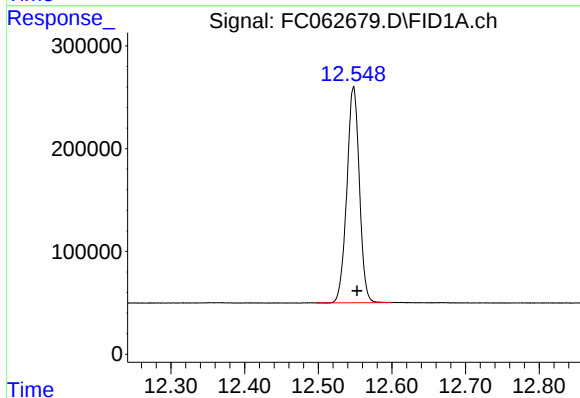
R.T.: 11.238 min
Delta R.T.: -0.005 min
Response: 2595228
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

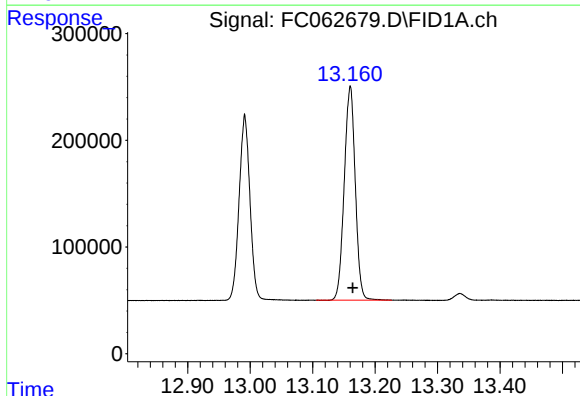
R.T.: 11.553 min
Delta R.T.: -0.005 min
Response: 2796723
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :



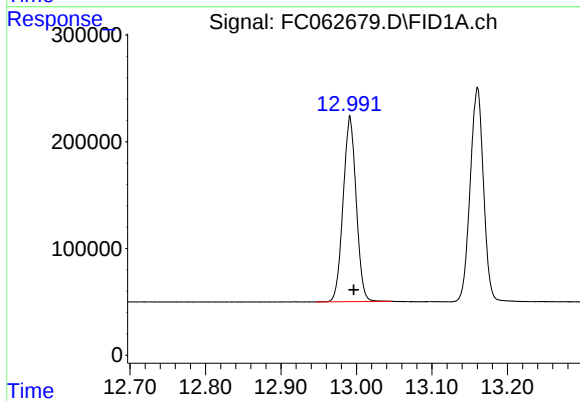
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.005 min
Response: 2487901
Conc: 20.16 ug/ml



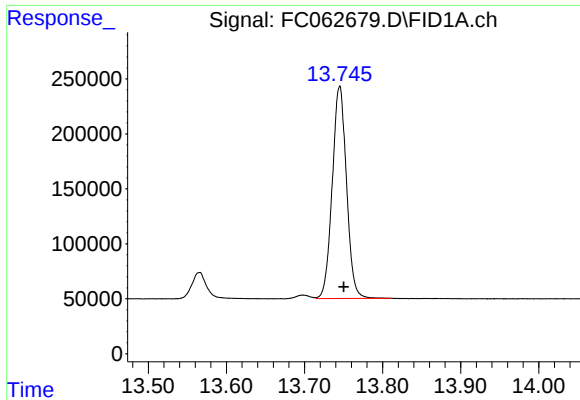
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.004 min
Response: 2460093
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

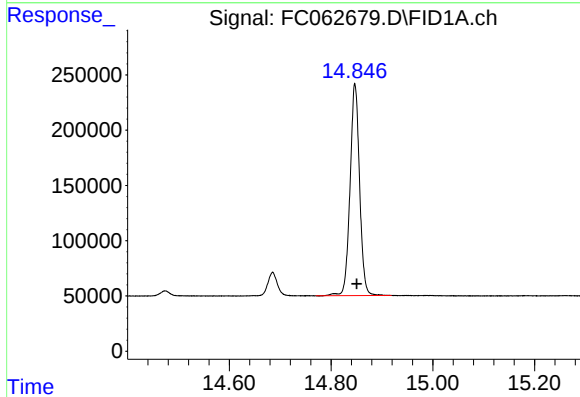
R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 2084931
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

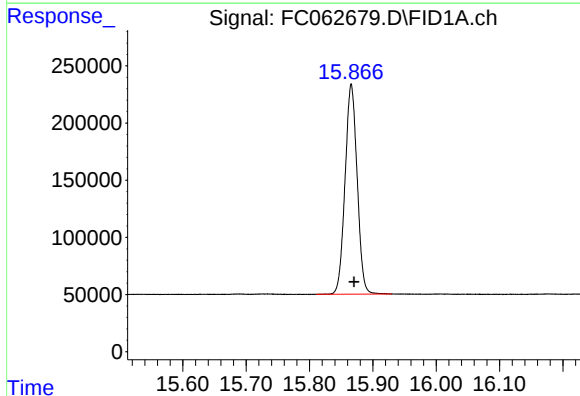
R.T.: 13.745 min
Delta R.T.: -0.005 min
Response: 2454275
Conc: 20.53 ug/ml

Instrument :
FID_C
ClientSampleId :



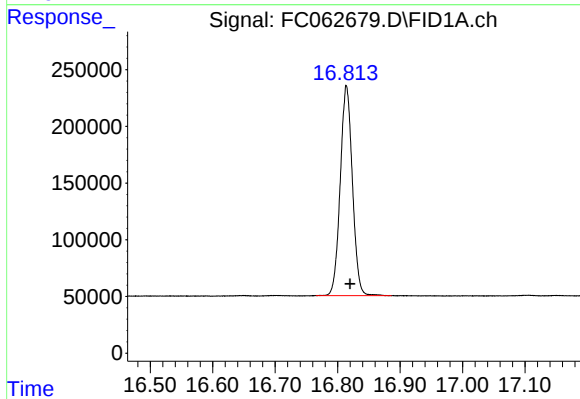
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.004 min
Response: 2491218
Conc: 21.39 ug/ml



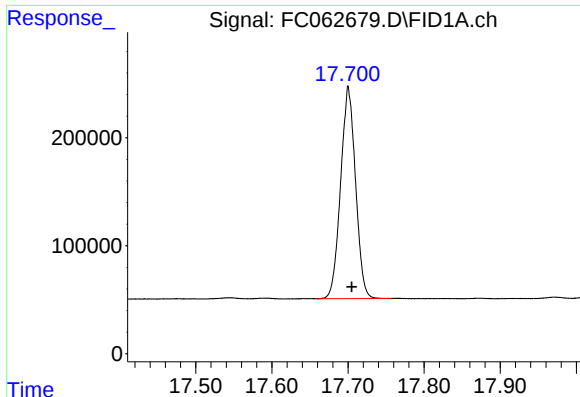
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.004 min
Response: 2435487
Conc: 21.68 ug/ml



#16 n-Octacosane (C28)

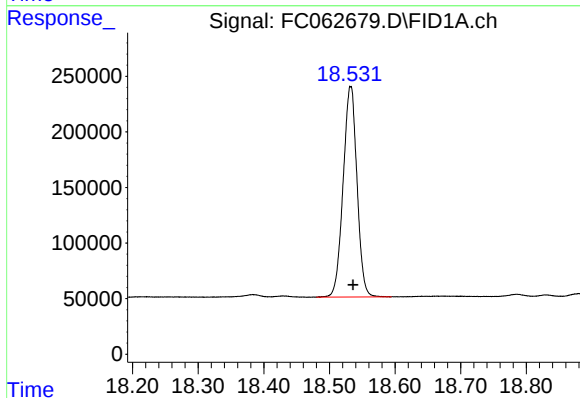
R.T.: 16.814 min
Delta R.T.: -0.006 min
Response: 2505606
Conc: 22.82 ug/ml



#17 n-Tricontane (C30)

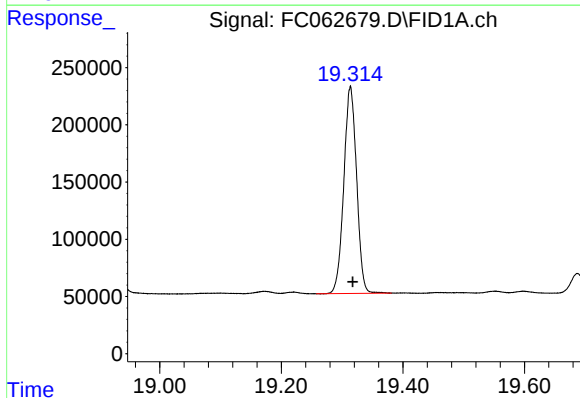
R.T.: 17.700 min
Delta R.T.: -0.005 min
Response: 2669799
Conc: 24.65 ug/ml

Instrument :
FID_C
ClientSampleId :



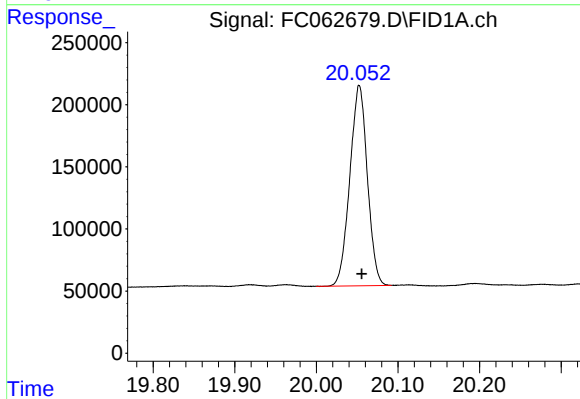
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.004 min
Response: 2778653
Conc: 25.45 ug/ml



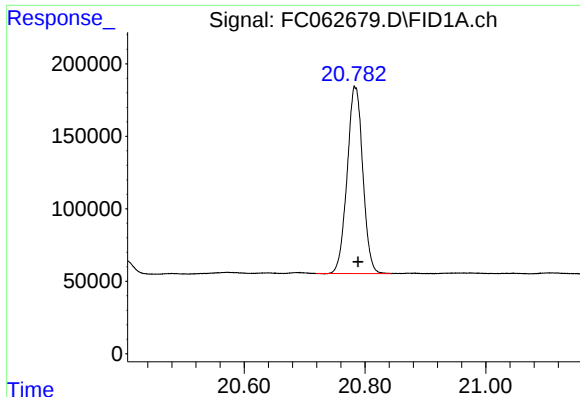
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2642713
Conc: 24.31 ug/ml



#20 n-Hexatriacontane (C36)

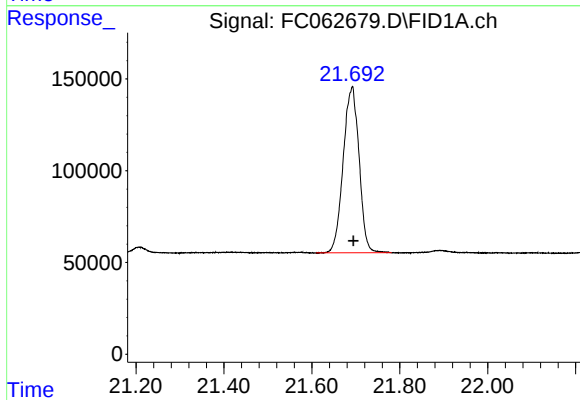
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2406856
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.005 min
Response: 2321545
Conc: 21.92 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.003 min
Response: 2267454
Conc: 21.29 ug/ml