

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
 Data File : FC068577.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 12:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 22:36:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.711	2429533	19.079 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.144	1746784	18.804 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.445	2134999	20.271 ug/ml
2) T n-Decane (C10)	4.520	2134613	20.260 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2323820	19.954 ug/ml
4) T n-Dodecane (C12)	6.545	2112109	20.084 ug/ml
5) T A~2-methylnaphthalene...	7.174	2289960	19.827 ug/ml
6) T n-Tetradecane (C14)	8.342	2032607	19.772 ug/ml
7) T n-Hexadecane (C16)	9.944	1976962	19.412 ug/ml
8) T n-Octadecane (C18)	11.388	1934360	19.222 ug/ml
10) T n-Eicosane (C20)	12.698	1868176	18.993 ug/ml
11) T n-Heneicosane (C21)	13.311	1842645	18.907 ug/ml
13) T n-Docosane (C22)	13.898	1818855	18.830 ug/ml
14) T n-Tetracosane (C24)	15.002	1788536	18.790 ug/ml
15) T n-Hexacosane (C26)	16.025	1750505	18.741 ug/ml
16) T n-Octacosane (C28)	16.977	1725856	18.850 ug/ml
17) T n-Tricontane (C30)	17.865	1755405	19.095 ug/ml
18) T n-Dotriacontane (C32)	18.701	1770076	19.297 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1723059	19.287 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1726988	19.279 ug/ml
21) T n-Octatriacontane (C38)	21.001	1699521	19.223 ug/ml
22) T n-Tetracontane (C40)	21.979	1688559	19.122 ug/ml

(f)=RT Delta > 1/2 Window

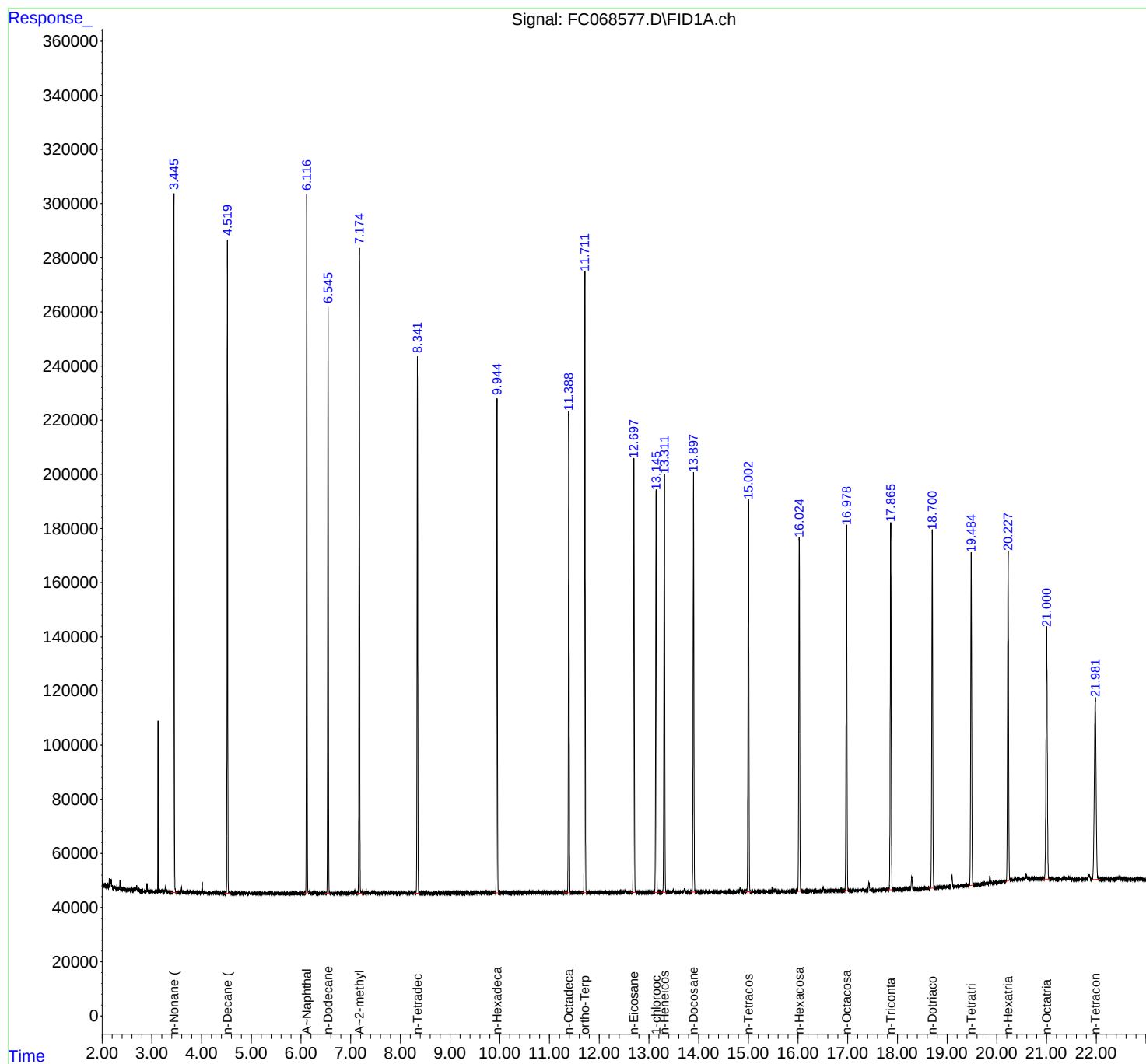
(m)=manual int.

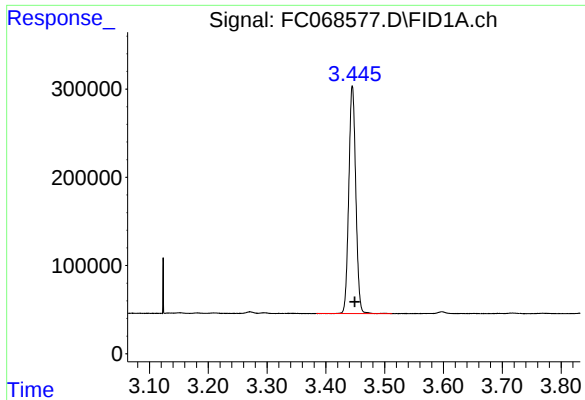
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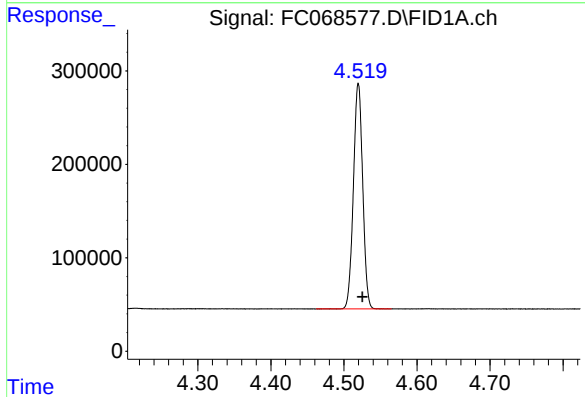




#1 n-Nonane (C9)

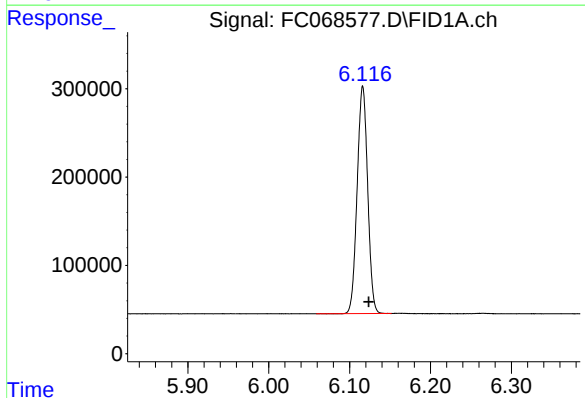
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2134999
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :



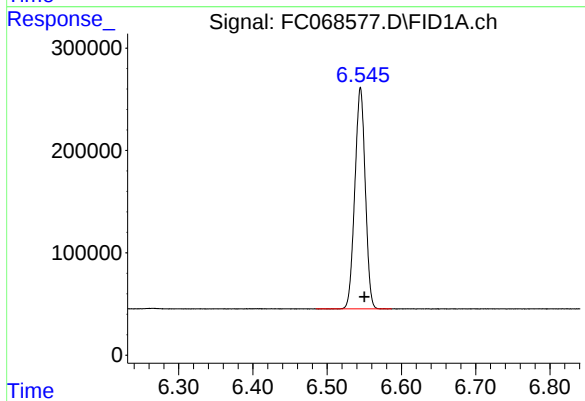
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2134613
Conc: 20.26 ug/ml



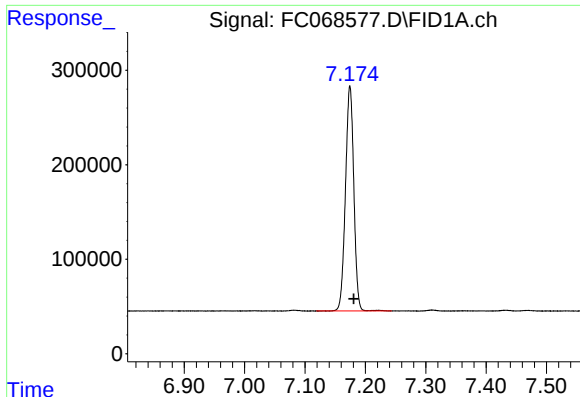
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 2323820
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

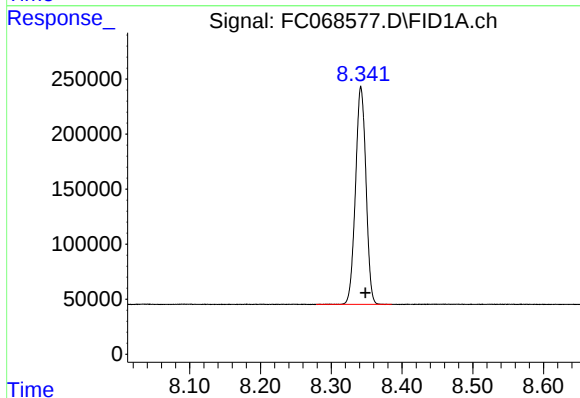
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 2112109
Conc: 20.08 ug/ml



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

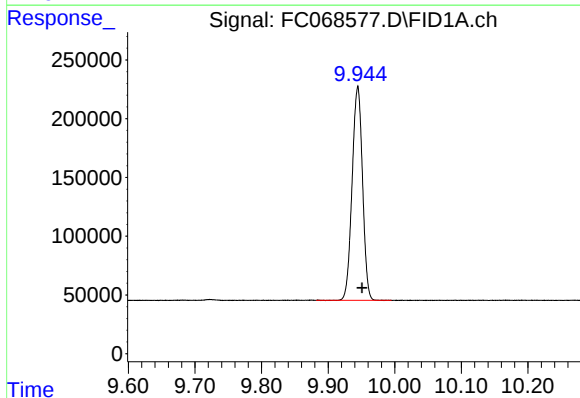
R.T.: 7.174 min
Delta R.T.: -0.006 min
Response: 2289960
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :



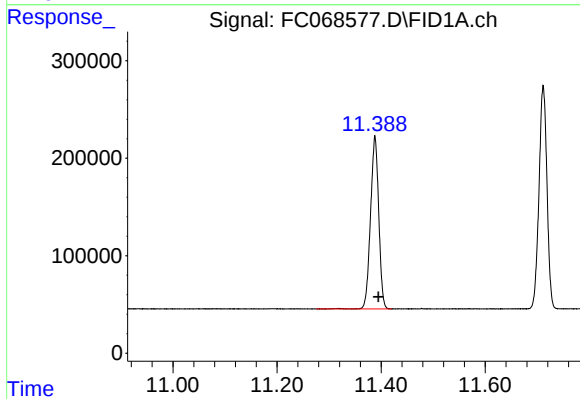
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 2032607
Conc: 19.77 ug/ml



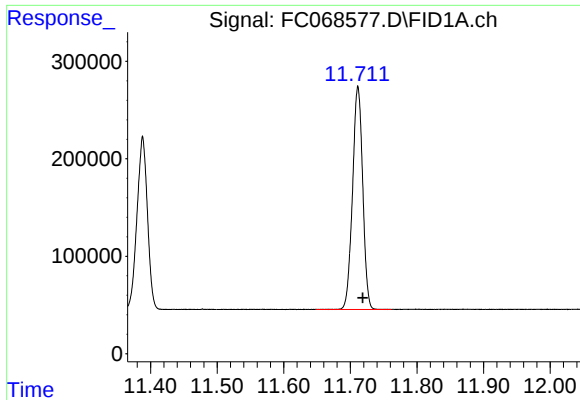
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 1976962
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

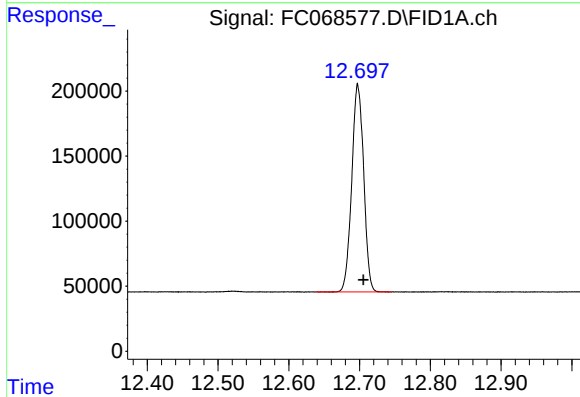
R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 1934360
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

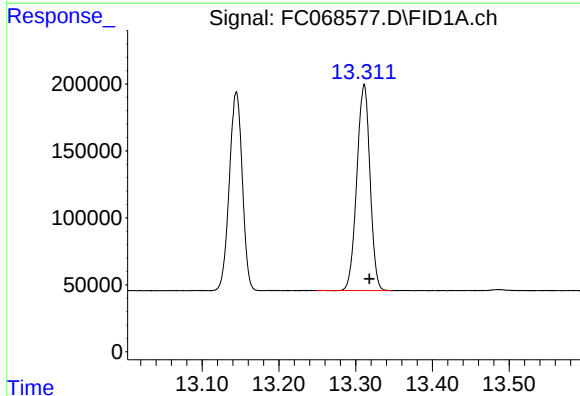
R.T.: 11.711 min
Delta R.T.: -0.007 min
Response: 2429533
Conc: 19.08 ug/ml

Instrument :
FID_C
ClientSampleId :



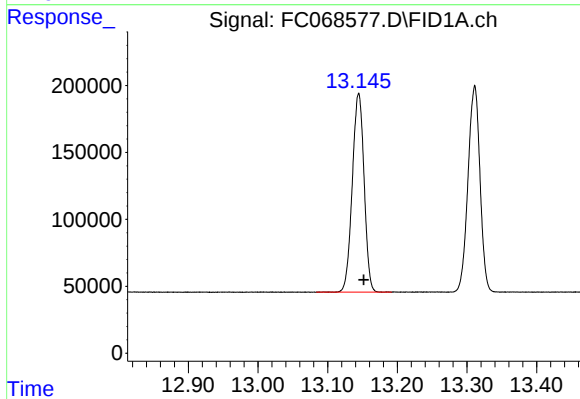
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: -0.008 min
Response: 1868176
Conc: 18.99 ug/ml



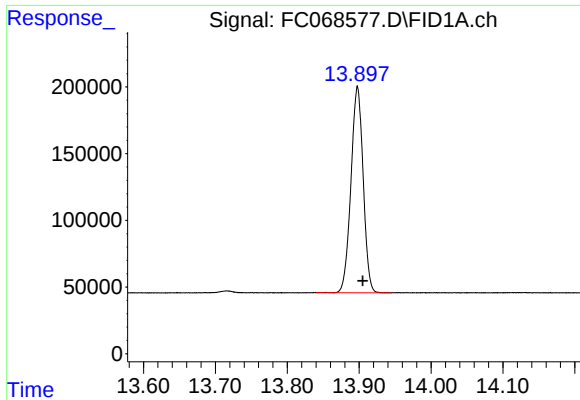
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.007 min
Response: 1842645
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

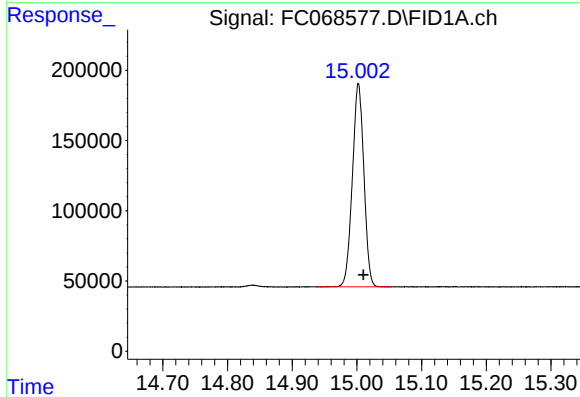
R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 1746784
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

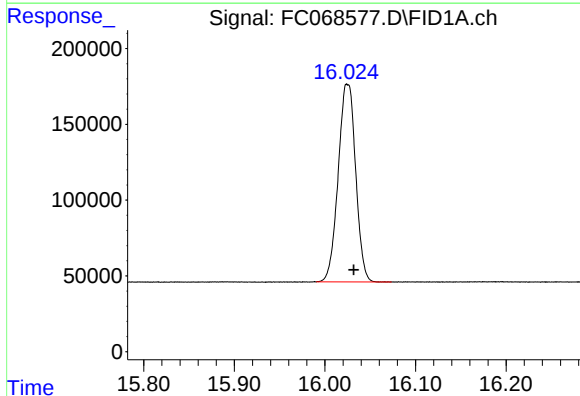
R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 1818855
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



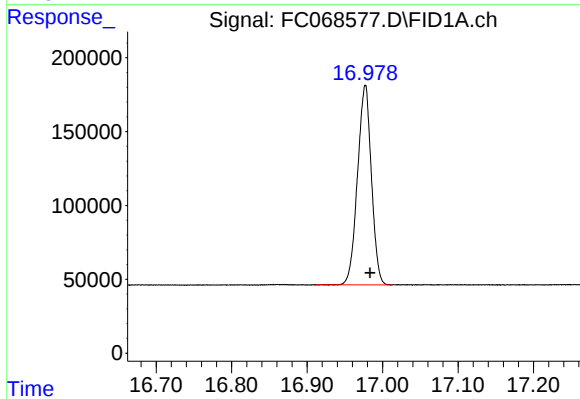
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.008 min
Response: 1788536
Conc: 18.79 ug/ml



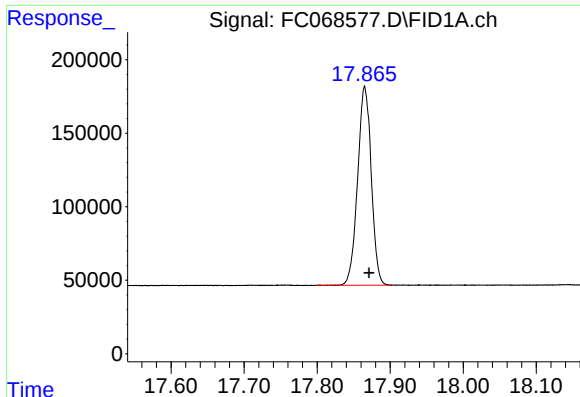
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.007 min
Response: 1750505
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

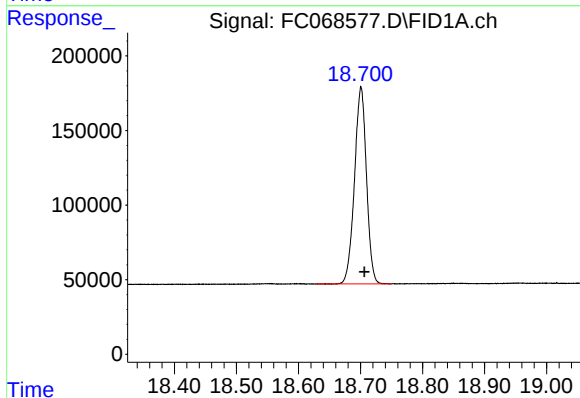
R.T.: 16.977 min
Delta R.T.: -0.007 min
Response: 1725856
Conc: 18.85 ug/ml



#17 n-Tricontane (C30)

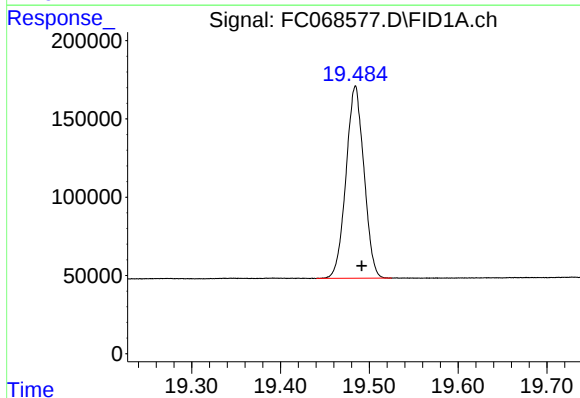
R.T.: 17.865 min
Delta R.T.: -0.006 min
Response: 1755405
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :



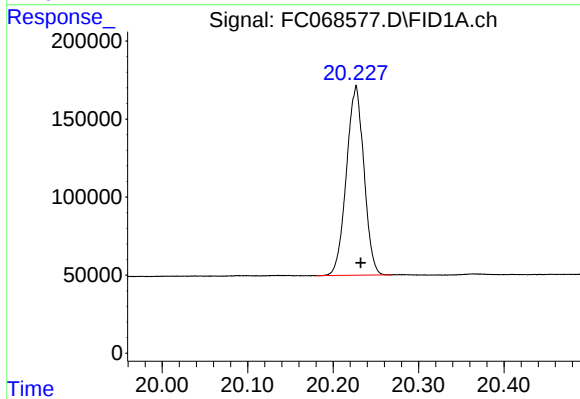
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.006 min
Response: 1770076
Conc: 19.30 ug/ml



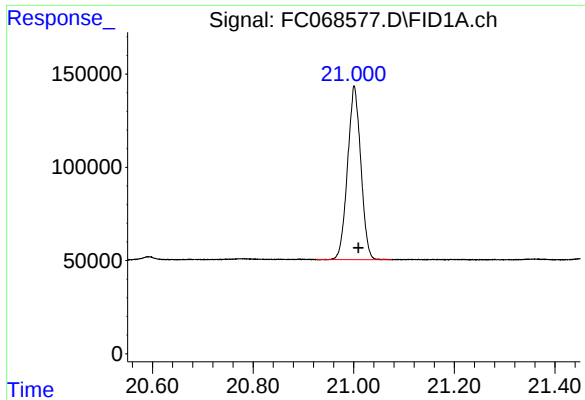
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.007 min
Response: 1723059
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

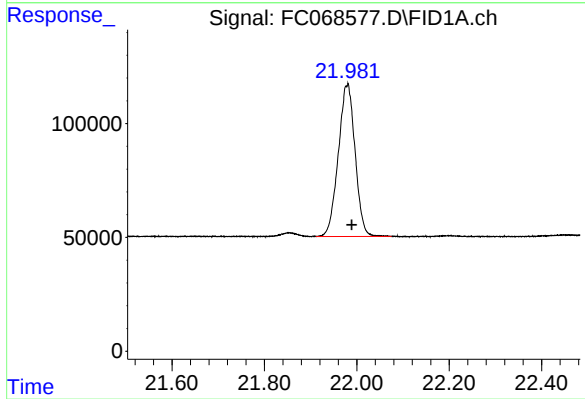
R.T.: 20.227 min
Delta R.T.: -0.006 min
Response: 1726988
Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: -0.008 min
Response: 1699521
Conc: 19.22 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.009 min
Response: 1688559
Conc: 19.12 ug/ml