

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
 Data File : FC068897.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 23:08
 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: May 16 08:03:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.708	1960222	17.174 ug/ml
Spiked Amount 50.000		Recovery =	34.35%
12) S 1-chlorooctadecane (S...	13.141	1459604	18.194 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.441	1656222	16.467 ug/ml
2) T n-Decane (C10)	4.516	1703891	17.100 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1825147	16.553 ug/ml
4) T n-Dodecane (C12)	6.541	1688947	17.380 ug/ml
5) T A~2-methylnaphthalene...	7.172	1805956	16.826 ug/ml
6) T n-Tetradecane (C14)	8.338	1644140	17.789 ug/ml
7) T n-Hexadecane (C16)	9.941	1635263	18.262 ug/ml
8) T n-Octadecane (C18)	11.384	1616321	18.426 ug/ml
10) T n-Eicosane (C20)	12.695	1572991	18.458 ug/ml
11) T n-Heneicosane (C21)	13.308	1551066	18.390 ug/ml
13) T n-Docosane (C22)	13.894	1544484	18.462 ug/ml
14) T n-Tetracosane (C24)	14.999	1548910	18.615 ug/ml
15) T n-Hexacosane (C26)	16.020	1544603	18.643 ug/ml
16) T n-Octacosane (C28)	16.972	1647738	19.937 ug/ml
17) T n-Tricontane (C30)	17.861	1913713	22.617 ug/ml
18) T n-Dotriacontane (C32)	18.694	2014286	23.385 ug/ml
19) T n-Tetratriacontane (C34)	19.479	1884247	22.116 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1784735	20.765 ug/ml
21) T n-Octatriacontane (C38)	20.993	1668141	19.886 ug/ml
22) T n-Tetracontane (C40)	21.972	1677848	20.473 ug/ml

(f)=RT Delta > 1/2 Window

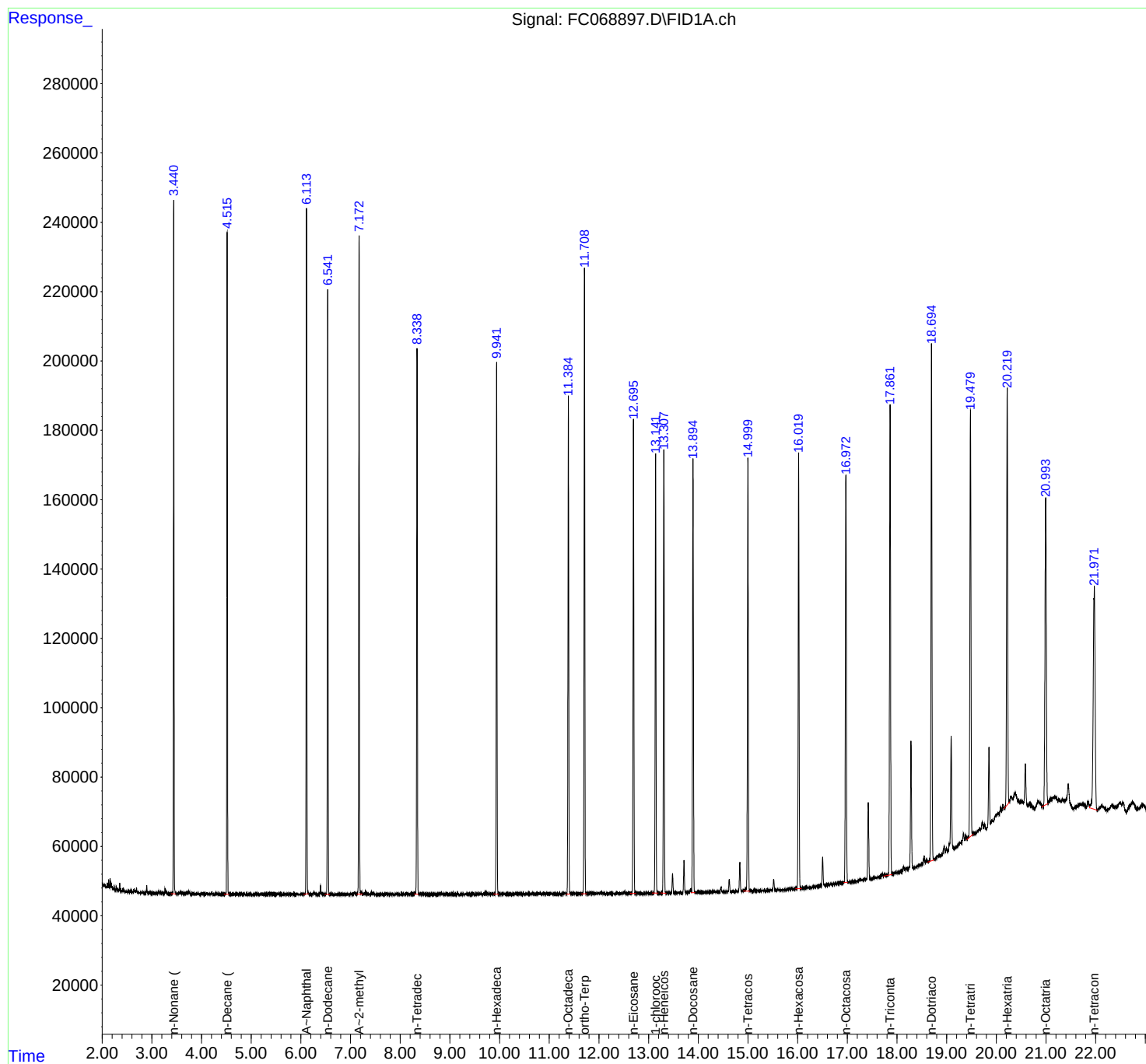
(m)=manual int.

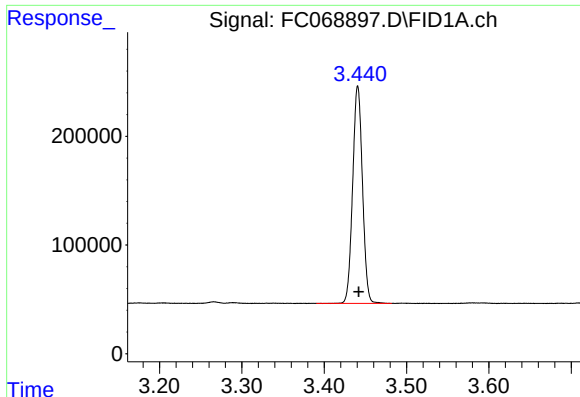
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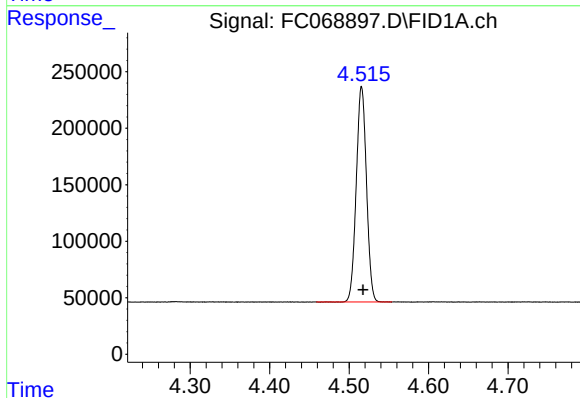




#1 n-Nonane (C9)

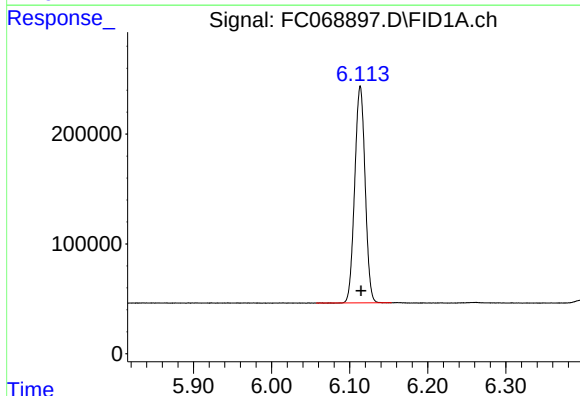
R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 1656222
Conc: 16.47 ug/ml

Instrument :
FID_C
ClientSampleId :



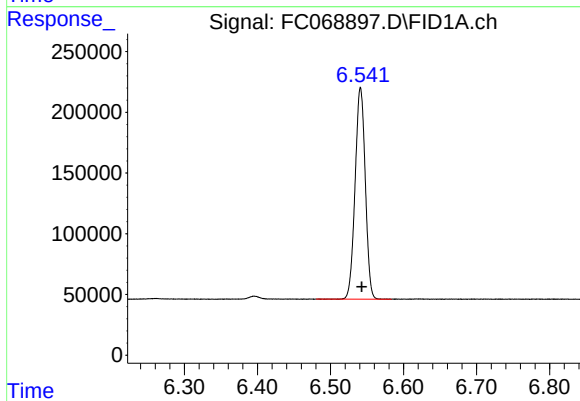
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 1703891
Conc: 17.10 ug/ml



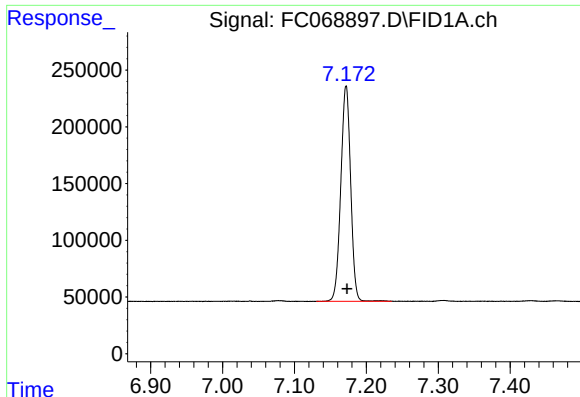
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 1825147
Conc: 16.55 ug/ml



#4 n-Dodecane (C12)

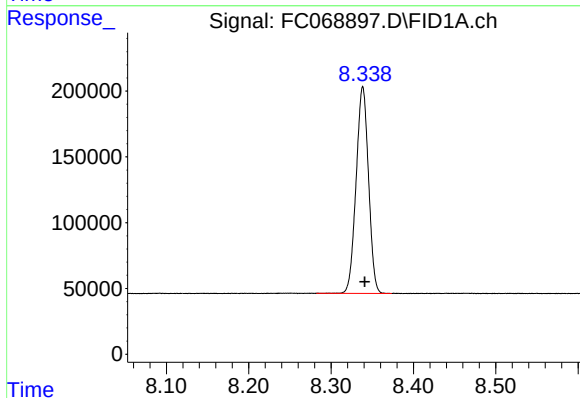
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 1688947
Conc: 17.38 ug/ml



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

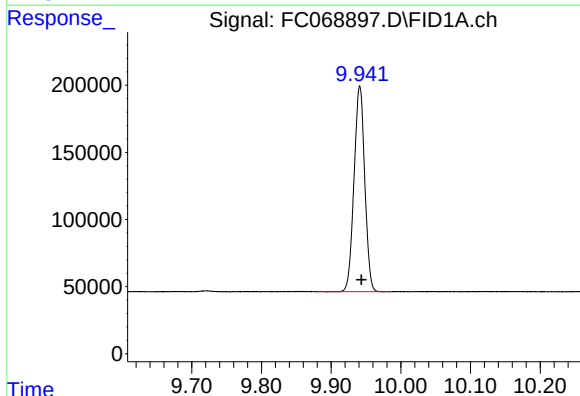
R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 1805956
Conc: 16.83 ug/ml

Instrument :
FID_C
ClientSampleId :



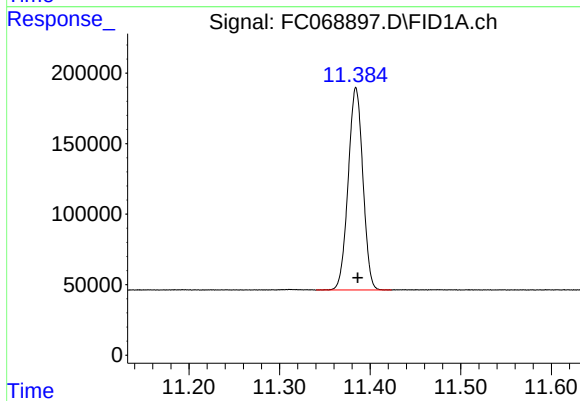
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 1644140
Conc: 17.79 ug/ml



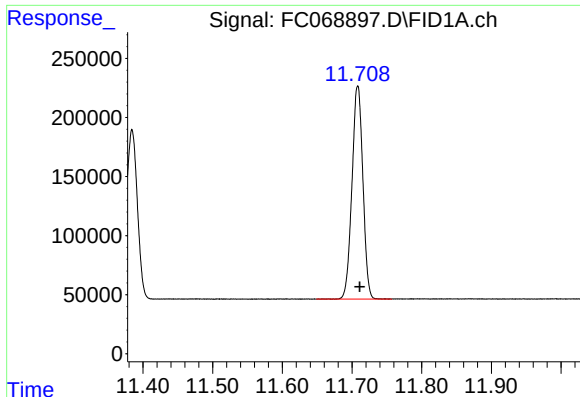
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.003 min
Response: 1635263
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

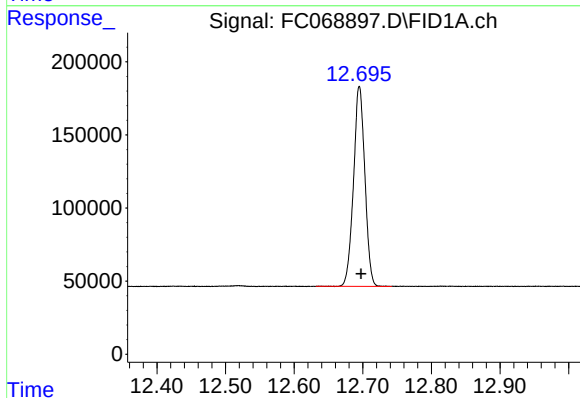
R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 1616321
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

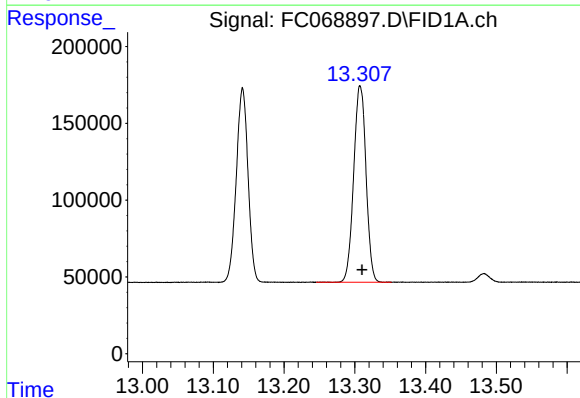
R.T.: 11.708 min
Delta R.T.: -0.003 min
Response: 1960222
Conc: 17.17 ug/ml

Instrument :
FID_C
ClientSampleId :



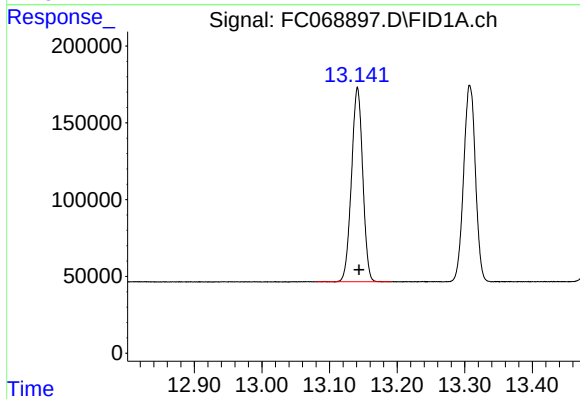
#10 n-Eicosane (C20)

R.T.: 12.695 min
Delta R.T.: -0.002 min
Response: 1572991
Conc: 18.46 ug/ml



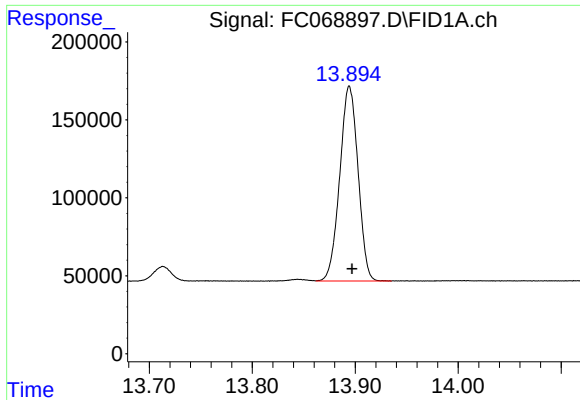
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.003 min
Response: 1551066
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

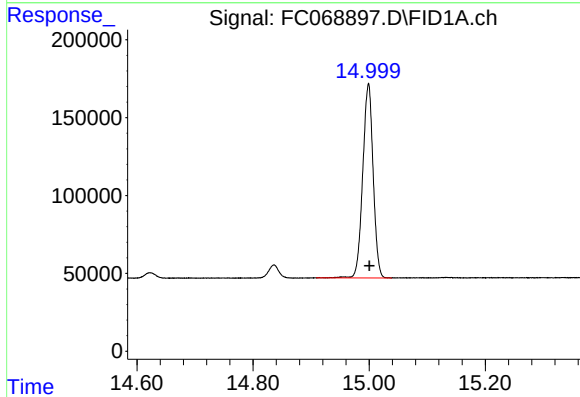
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 1459604
Conc: 18.19 ug/ml



#13 n-Docosane (C22)

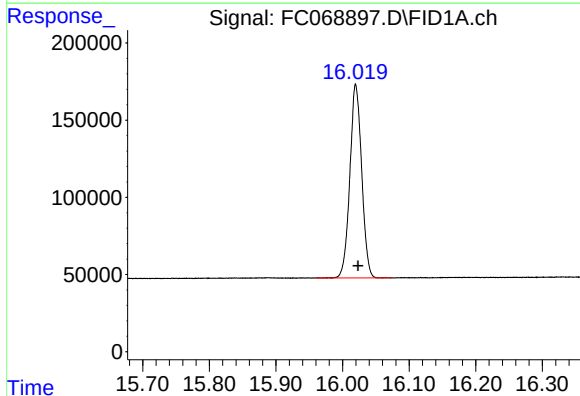
R.T.: 13.894 min
Delta R.T.: -0.002 min
Response: 1544484
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :



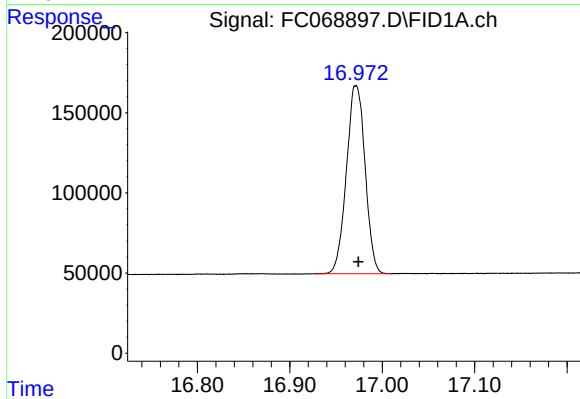
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.002 min
Response: 1548910
Conc: 18.62 ug/ml



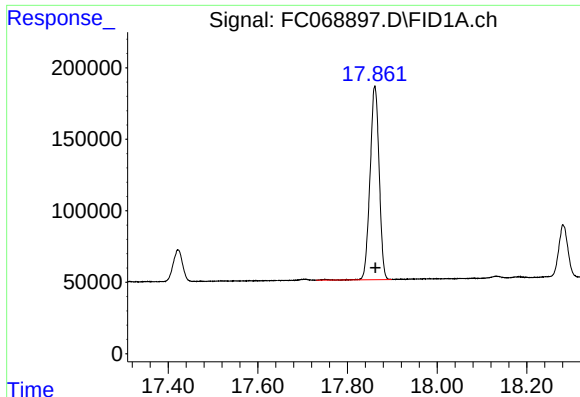
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 1544603
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

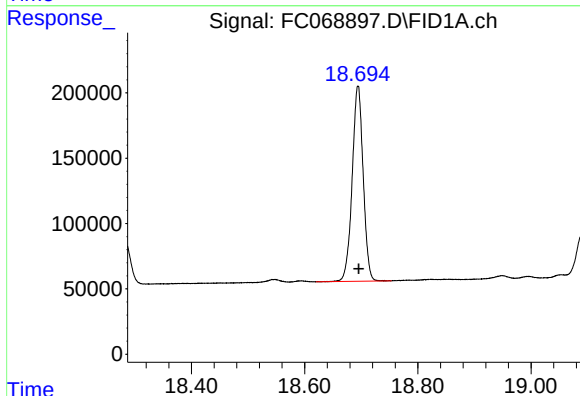
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 1647738
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

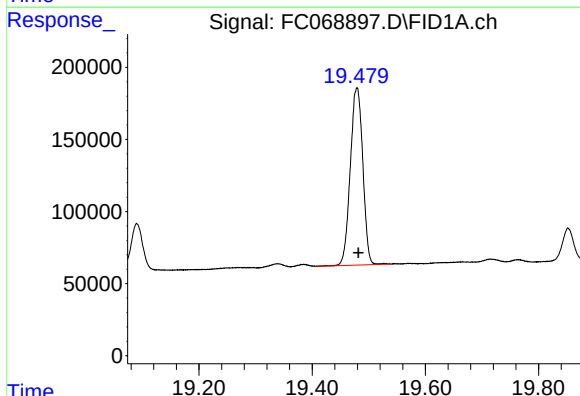
R.T.: 17.861 min
Delta R.T.: -0.001 min
Response: 1913713
Conc: 22.62 ug/ml

Instrument :
FID_C
ClientSampleId :



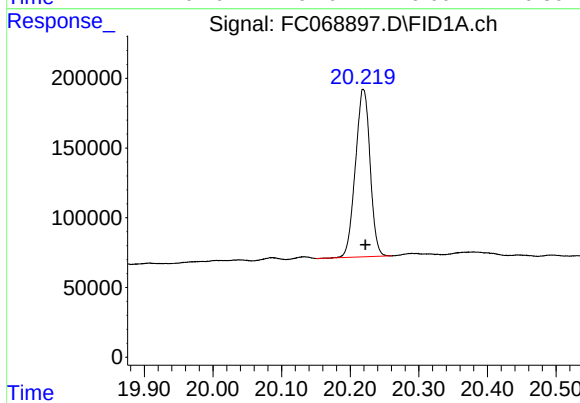
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.001 min
Response: 2014286
Conc: 23.39 ug/ml



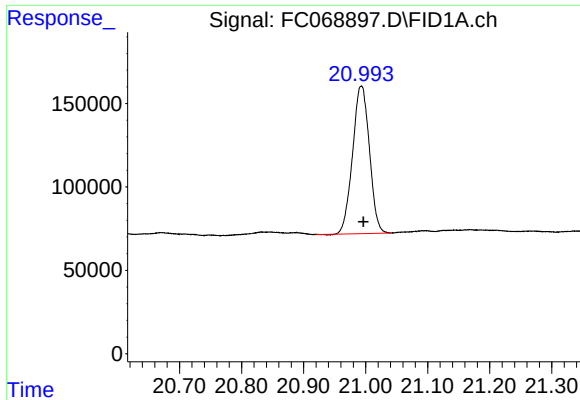
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.003 min
Response: 1884247
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

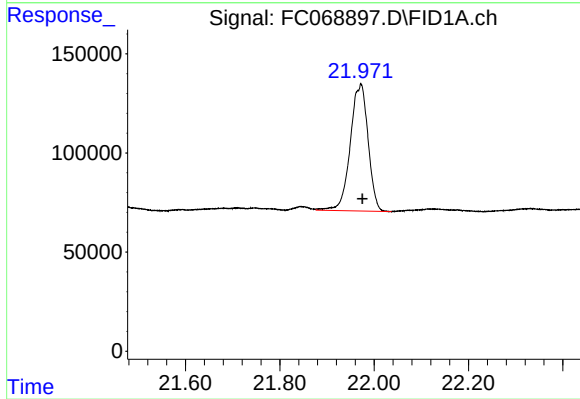
R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 1784735
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.003 min
Response: 1668141
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.004 min
Response: 1677848
Conc: 20.47 ug/ml