

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050625AL\
 Data File : FC068784.D
 Signal(s) : FID1A.ch
 Acq On : 06 May 2025 17:26
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 07 08:37:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:32:40 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)	11.709	1229812	10.421 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
12) S 1-chlorooctadecane (S...	13.143	860839	10.371 ug/ml
Spiked Amount 50.000		Recovery =	20.74%
Target Compounds			
1) T n-Nonane (C9)	3.442	1080668	10.414 ug/ml
2) T n-Decane (C10)	4.517	1070751	10.422 ug/ml
3) T A~Naphthalene (C11.7)	6.115	1184915	10.406 ug/ml
4) T n-Dodecane (C12)	6.542	1043863	10.414 ug/ml
5) T A~2-methylnaphthalene...	7.172	1152025	10.352 ug/ml
6) T n-Tetradecane (C14)	8.340	994145	10.416 ug/ml
7) T n-Hexadecane (C16)	9.942	961946	10.367 ug/ml
8) T n-Octadecane (C18)	11.385	941672	10.377 ug/ml
10) T n-Eicosane (C20)	12.697	914473	10.380 ug/ml
11) T n-Heneicosane (C21)	13.309	905554	10.376 ug/ml
13) T n-Docosane (C22)	13.895	899148	10.411 ug/ml
14) T n-Tetracosane (C24)	15.000	894756	10.464 ug/ml
15) T n-Hexacosane (C26)	16.022	892257	10.530 ug/ml
16) T n-Octacosane (C28)	16.973	891896	10.589 ug/ml
17) T n-Tricontane (C30)	17.862	915267	10.619 ug/ml
18) T n-Dotriacontane (C32)	18.696	933373	10.677 ug/ml
19) T n-Tetratriacontane (C34)	19.481	923565	10.659 ug/ml
20) T n-Hexatriacontane (C36)	20.221	931989	10.632 ug/ml
21) T n-Octatriacontane (C38)	20.996	908621	10.609 ug/ml
22) T n-Tetracontane (C40)	21.971	883098	10.547 ug/ml

(f)=RT Delta > 1/2 Window

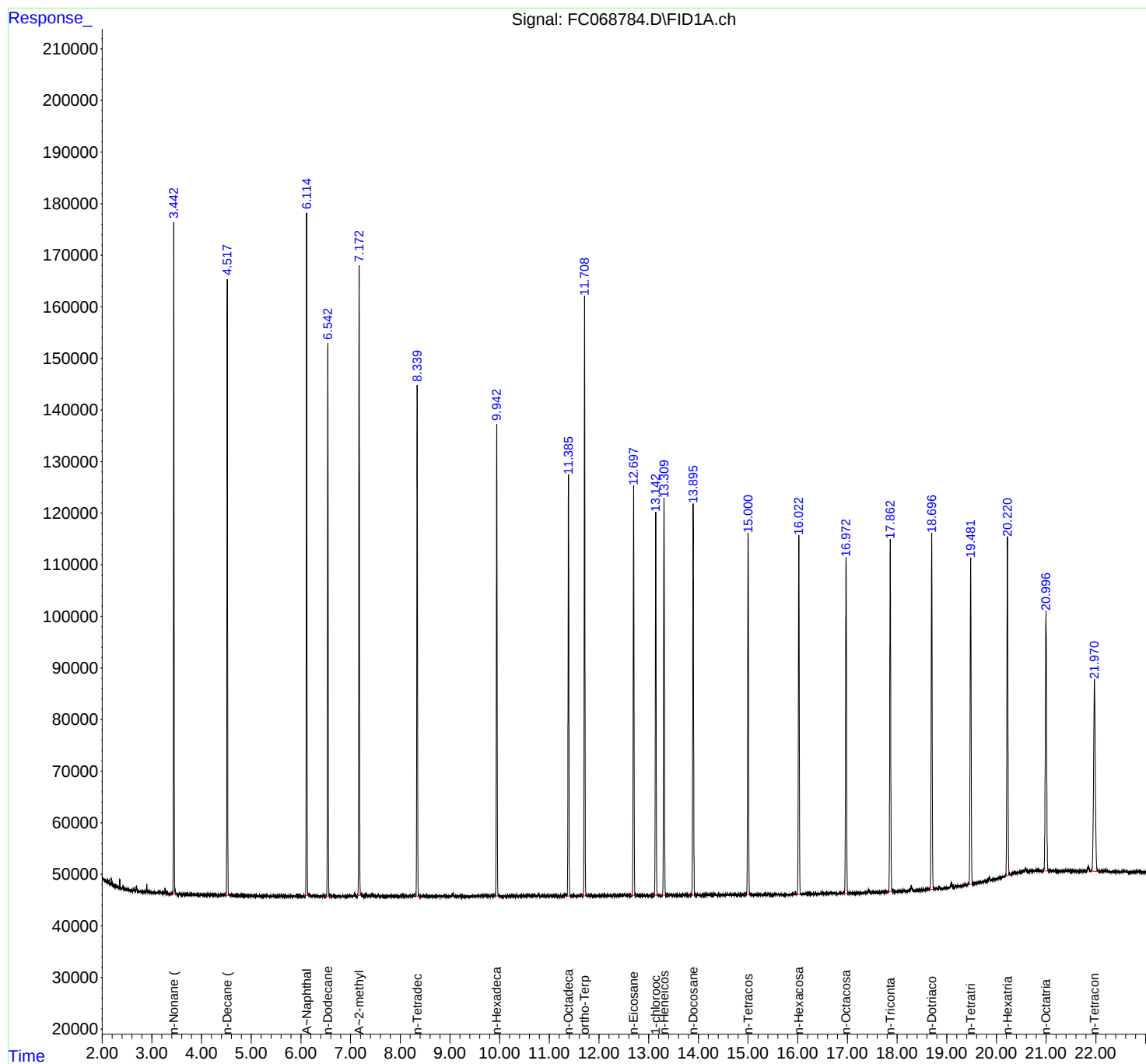
(m)=manual int.

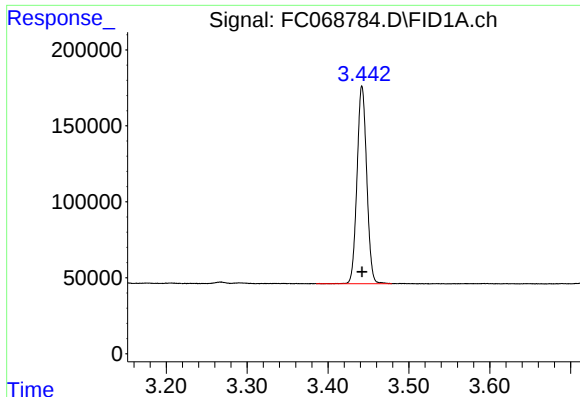
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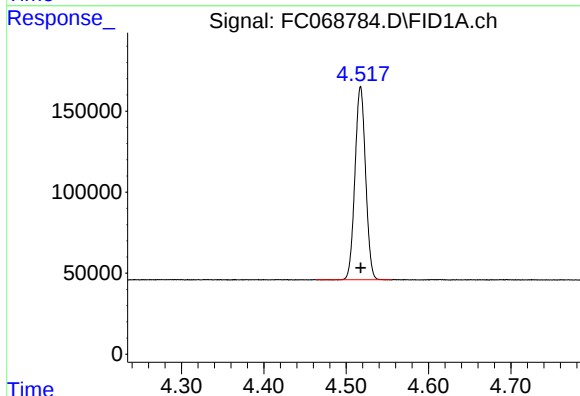




#1 n-Nonane (C9)

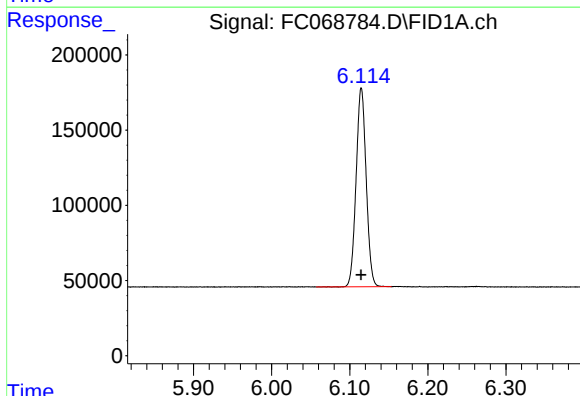
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1080668
Conc: 10.41 ug/ml

Instrument :
FID_C
ClientSampleId :



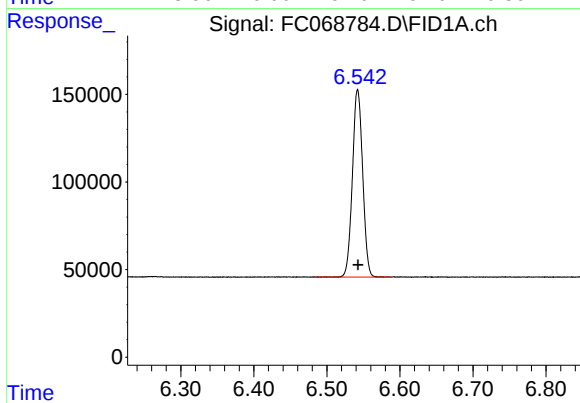
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1070751
Conc: 10.42 ug/ml



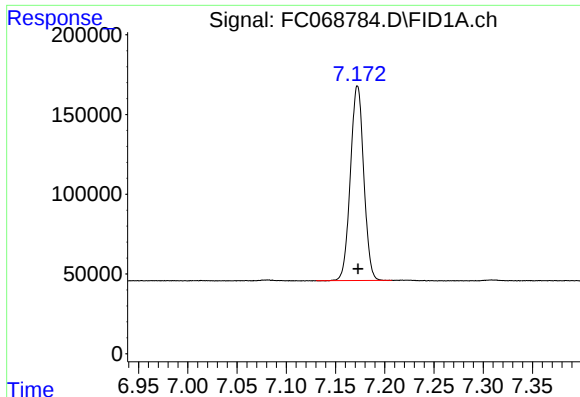
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 1184915
Conc: 10.41 ug/ml



#4 n-Dodecane (C12)

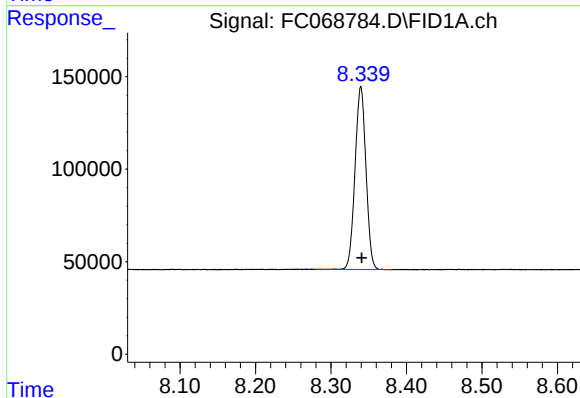
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 1043863
Conc: 10.41 ug/ml



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

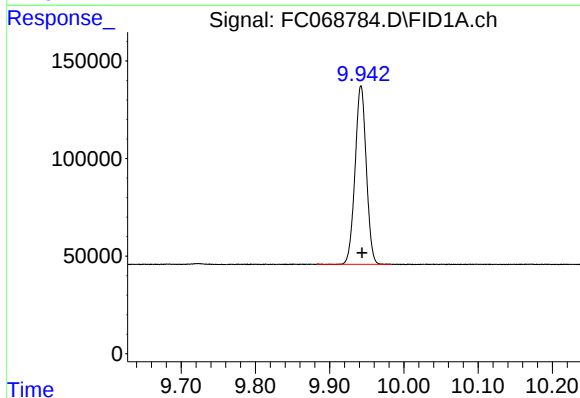
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1152025
Conc: 10.35 ug/ml

Instrument :
FID_C
ClientSampleId :



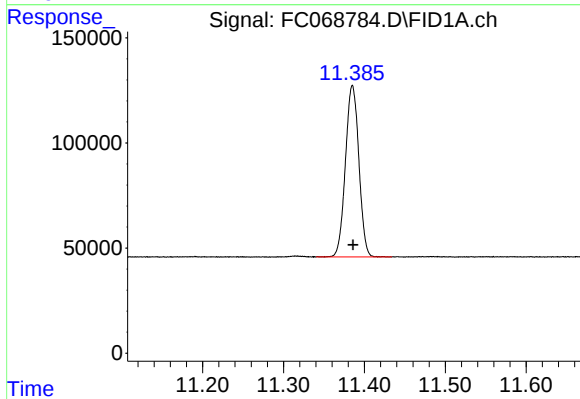
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 994145
Conc: 10.42 ug/ml



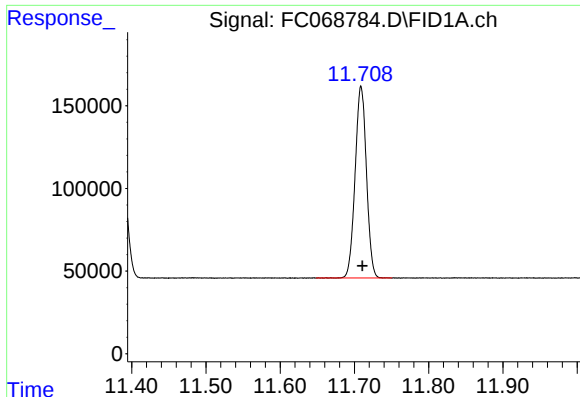
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.001 min
Response: 961946
Conc: 10.37 ug/ml



#8 n-Octadecane (C18)

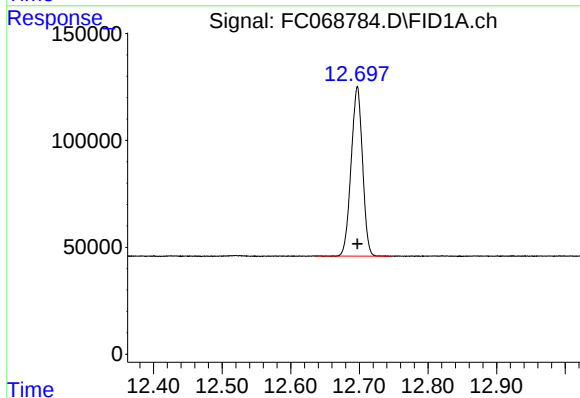
R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 941672
Conc: 10.38 ug/ml



#9 ortho-Terphenyl (SURR)

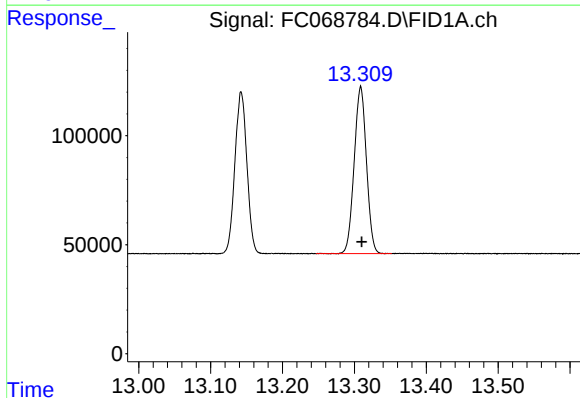
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 1229812
Conc: 10.42 ug/ml

Instrument :
FID_C
ClientSampleId :



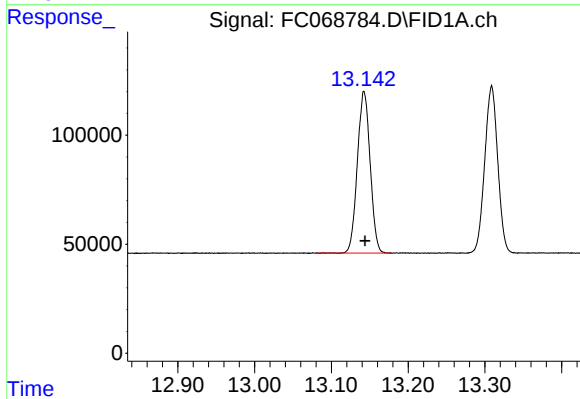
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 914473
Conc: 10.38 ug/ml



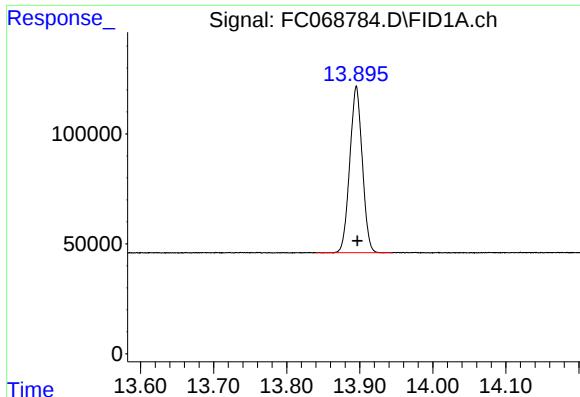
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 905554
Conc: 10.38 ug/ml



#12 1-chlorooctadecane (SURR)

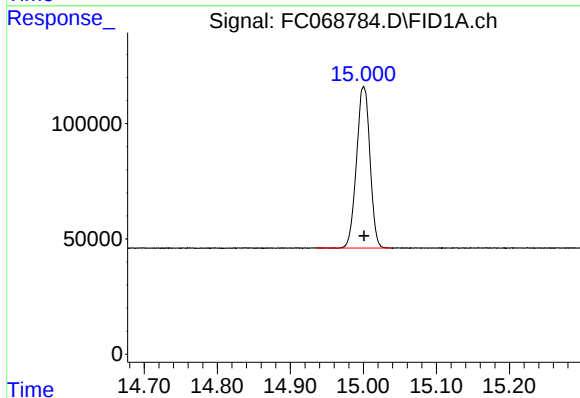
R.T.: 13.143 min
Delta R.T.: -0.001 min
Response: 860839
Conc: 10.37 ug/ml



#13 n-Docosane (C22)

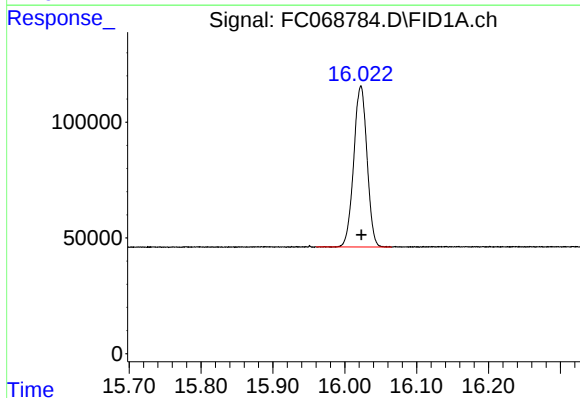
R.T.: 13.895 min
Delta R.T.: -0.001 min
Response: 899148
Conc: 10.41 ug/ml

Instrument :
FID_C
ClientSampleId :



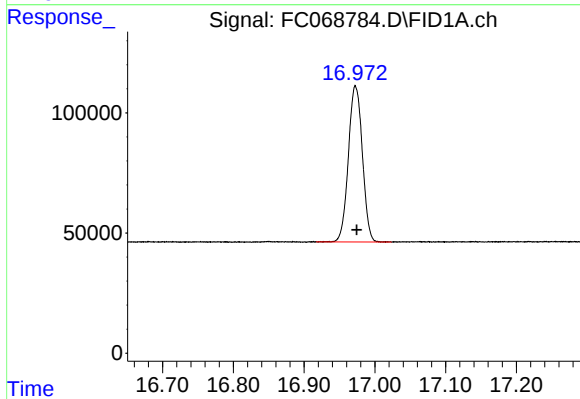
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: 0.000 min
Response: 894756
Conc: 10.46 ug/ml



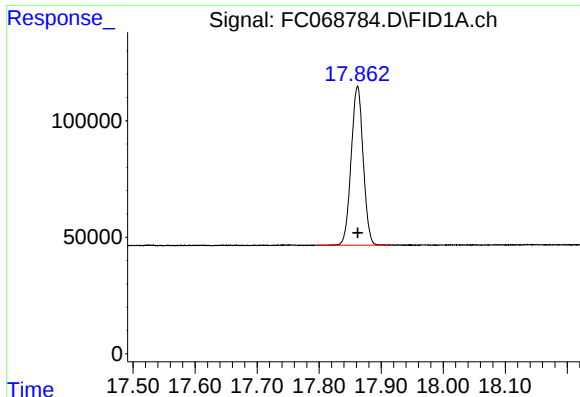
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 892257
Conc: 10.53 ug/ml



#16 n-Octacosane (C28)

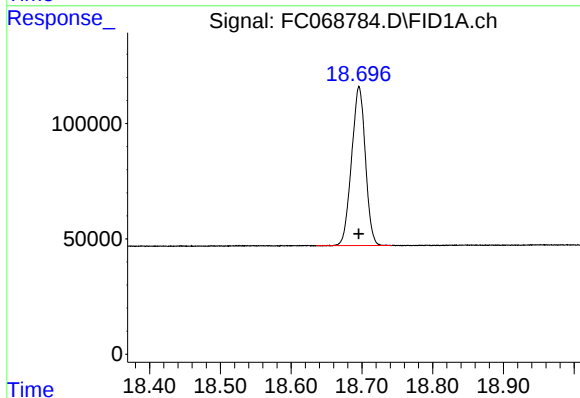
R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 891896
Conc: 10.59 ug/ml



#17 n-Tricontane (C30)

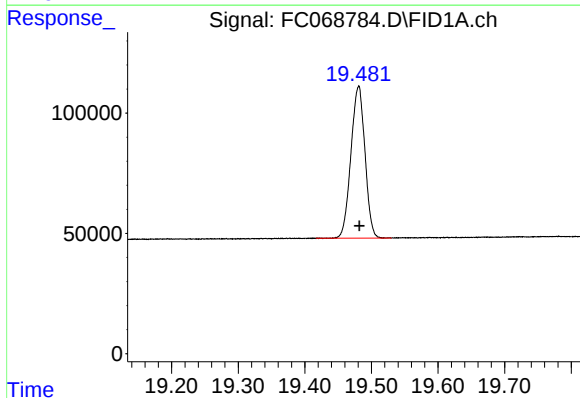
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 915267
Conc: 10.62 ug/ml

Instrument :
FID_C
ClientSampleId :



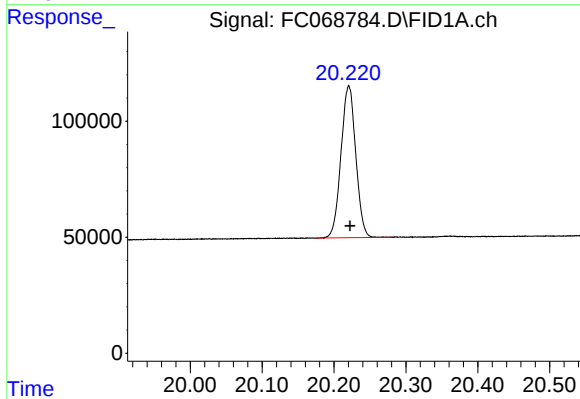
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 933373
Conc: 10.68 ug/ml



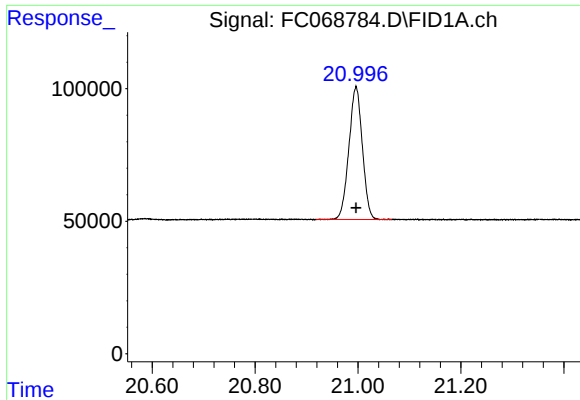
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.001 min
Response: 923565
Conc: 10.66 ug/ml



#20 n-Hexatriacontane (C36)

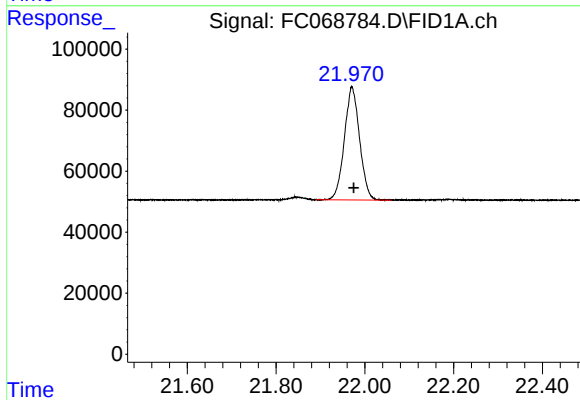
R.T.: 20.221 min
Delta R.T.: -0.002 min
Response: 931989
Conc: 10.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.000 min
Response: 908621
Conc: 10.61 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.004 min
Response: 883098
Conc: 10.55 ug/ml