

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080322AL\
 Data File : FC060984.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2022 03:19
 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: Aug 04 04:45:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.631	2901508	17.680 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
12) S 1-chlorooctadecane (S...	11.995	2323921	17.505 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
Target Compounds			
1) T n-Nonane (C9)	2.628	2694952	19.135 ug/ml
2) T n-Decane (C10)	3.621	2767664	19.620 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2837066	19.959 ug/ml
4) T n-Dodecane (C12)	5.567	2863744	19.321 ug/ml
5) T A~2-methylnaphthalene...	6.186	2616099	19.075 ug/ml
6) T n-Tetradecane (C14)	7.315	2876694	19.161 ug/ml
7) T n-Hexadecane (C16)	8.875	2888310	18.873 ug/ml
8) T n-Octadecane (C18)	10.282	2876087	18.418 ug/ml
10) T n-Eicosane (C20)	11.560	2810249	17.907 ug/ml
11) T n-Heneicosane (C21)	12.157	2762626	17.656 ug/ml
13) T n-Docosane (C22)	12.729	2722405	17.461 ug/ml
14) T n-Tetracosane (C24)	13.805	2611249	17.104 ug/ml
15) T n-Hexacosane (C26)	14.800	2518084	16.869 ug/ml
16) T n-Octacosane (C28)	15.727	2482956	17.328 ug/ml
17) T n-Tricontane (C30)	16.594	2648134	18.915 ug/ml
18) T n-Dotriacontane (C32)	17.405	2761178	20.459 ug/ml
19) T n-Tetratriacontane (C34)	18.170	2613390	20.837 ug/ml
20) T n-Hexatriacontane (C36)	18.891	2553015	20.886 ug/ml
21) T n-Octatriacontane (C38)	19.573	2480574	21.017 ug/ml
22) T n-Tetracontane (C40)	20.218	2369969	20.591 ug/ml

(f)=RT Delta > 1/2 Window

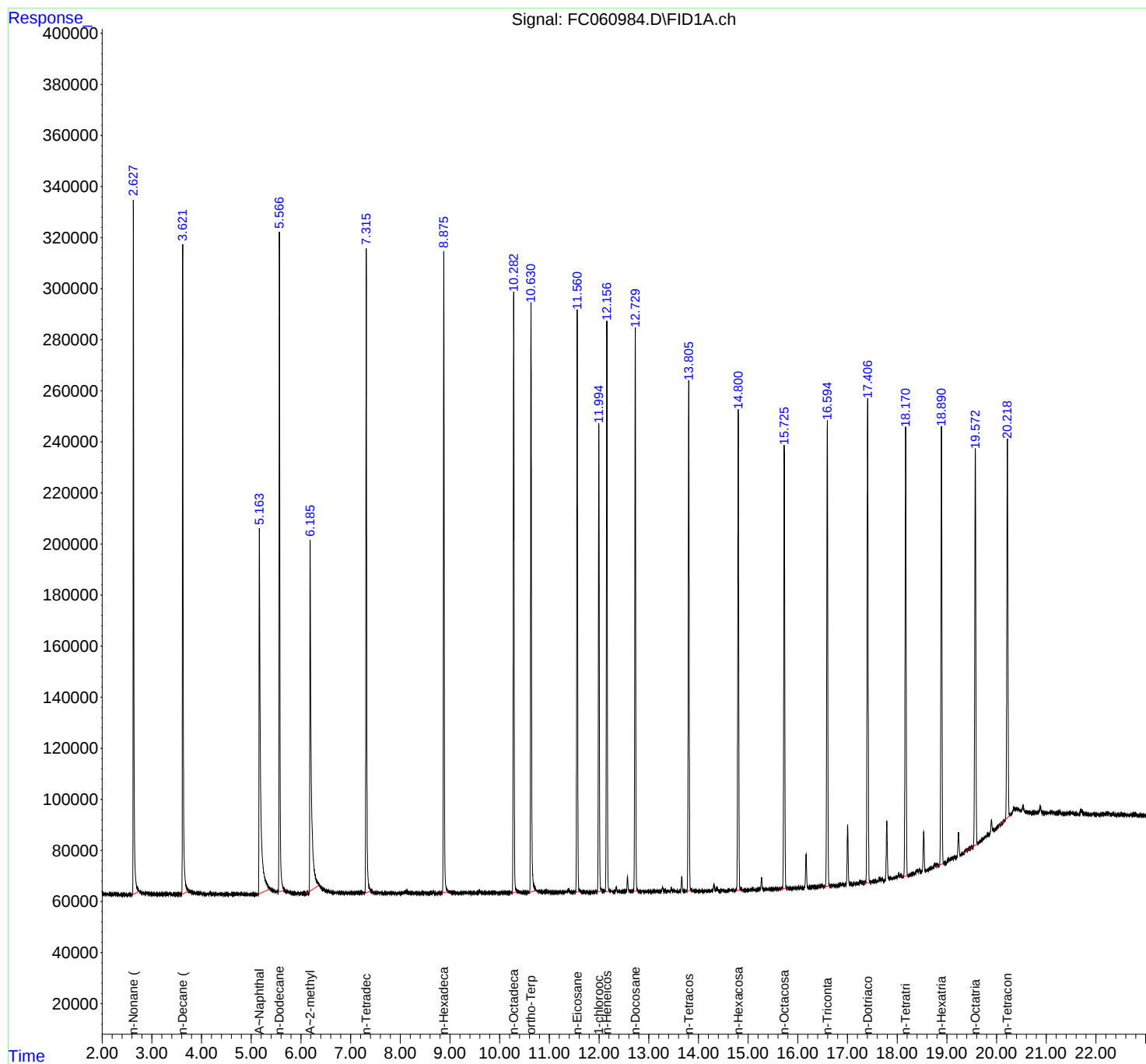
(m)=manual int.

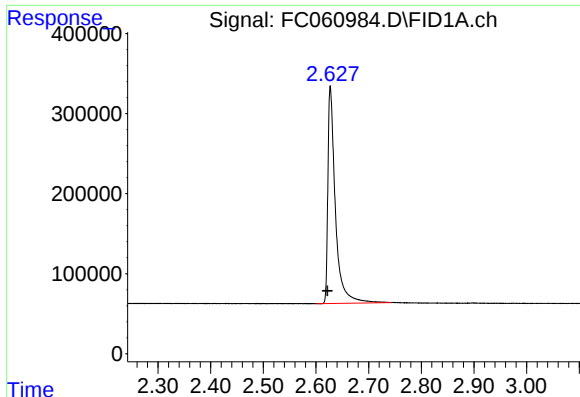
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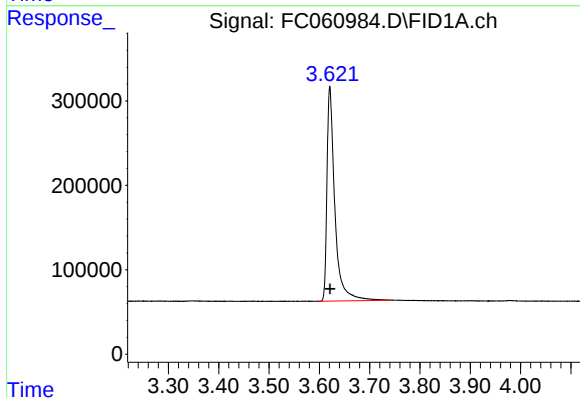




#1 n-Nonane (C9)

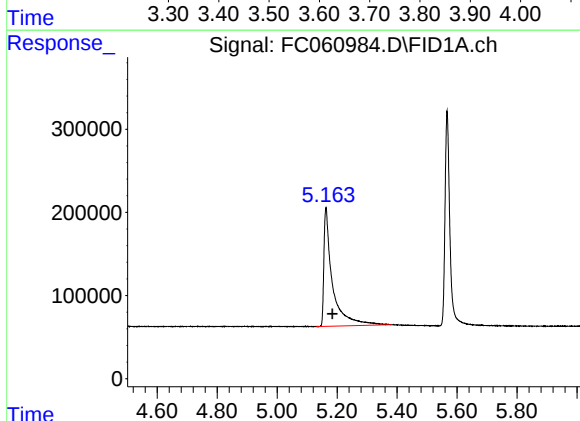
R.T.: 2.628 min
Delta R.T.: 0.006 min
Response: 2694952
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :



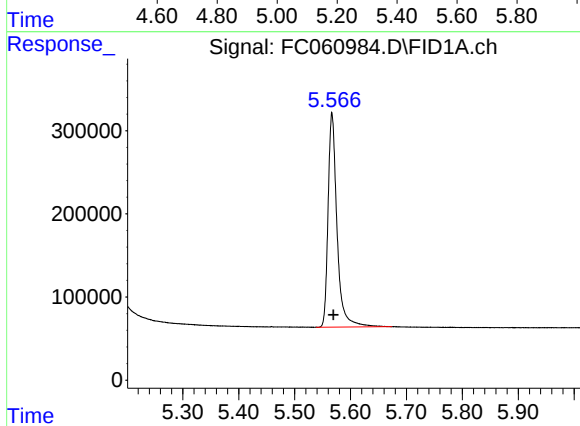
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 2767664
Conc: 19.62 ug/ml



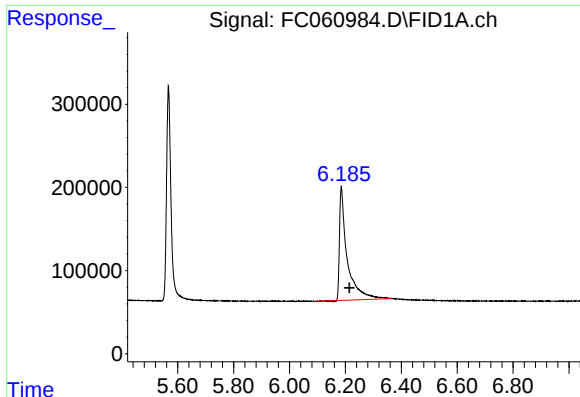
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2837066
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

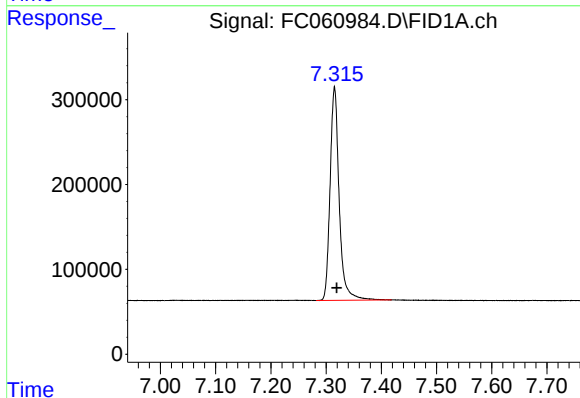
R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 2863744
Conc: 19.32 ug/ml



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

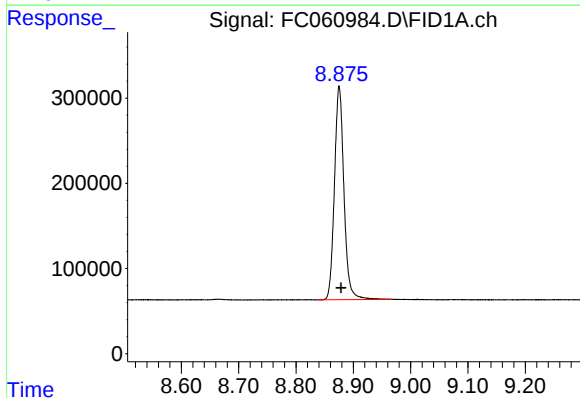
R.T.: 6.186 min
Delta R.T.: -0.029 min
Response: 2616099
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :



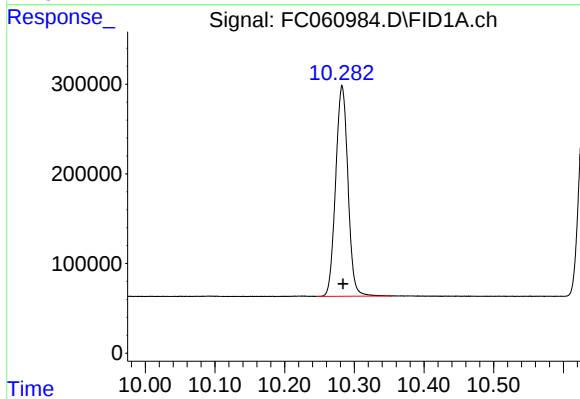
#6 n-Tetradecane (C14)

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 2876694
Conc: 19.16 ug/ml



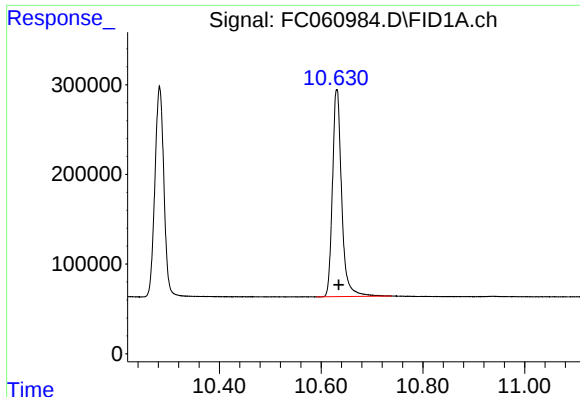
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.003 min
Response: 2888310
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

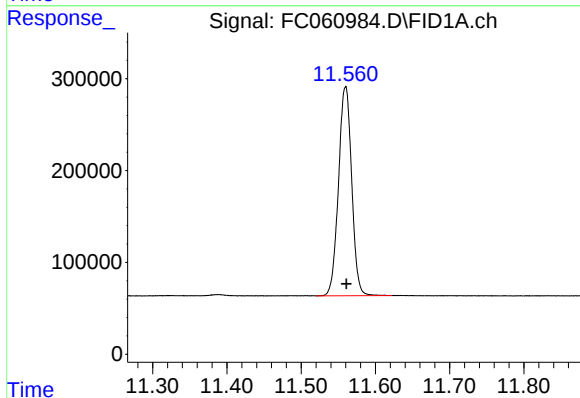
R.T.: 10.282 min
Delta R.T.: -0.001 min
Response: 2876087
Conc: 18.42 ug/ml



#9 ortho-Terphenyl (SURR)

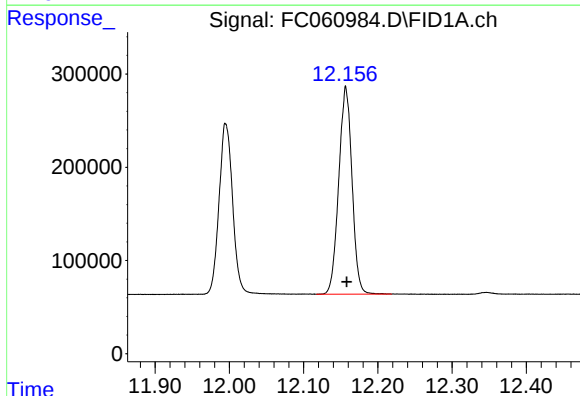
R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 2901508
Conc: 17.68 ug/ml

Instrument :
FID_C
ClientSampleId :



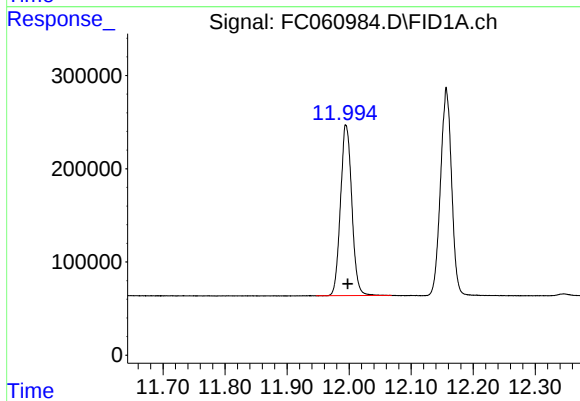
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: -0.001 min
Response: 2810249
Conc: 17.91 ug/ml



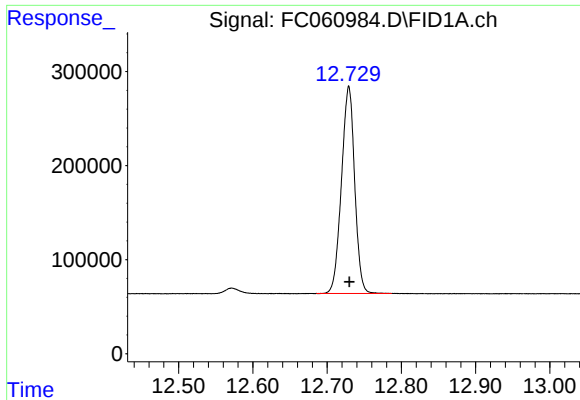
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: -0.001 min
Response: 2762626
Conc: 17.66 ug/ml



#12 1-chlorooctadecane (SURR)

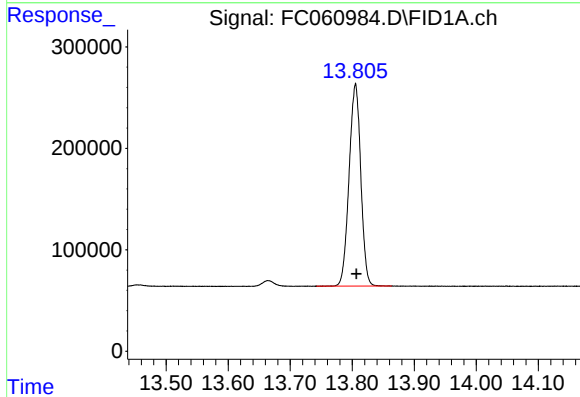
R.T.: 11.995 min
Delta R.T.: -0.002 min
Response: 2323921
Conc: 17.51 ug/ml



#13 n-Docosane (C22)

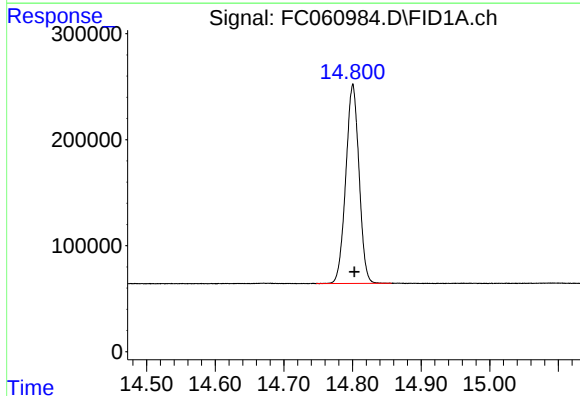
R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 2722405
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :



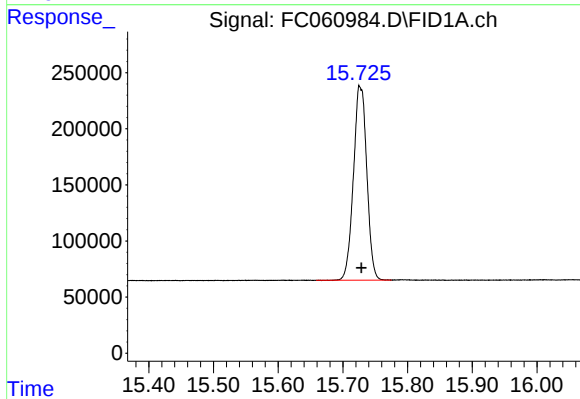
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.001 min
Response: 2611249
Conc: 17.10 ug/ml



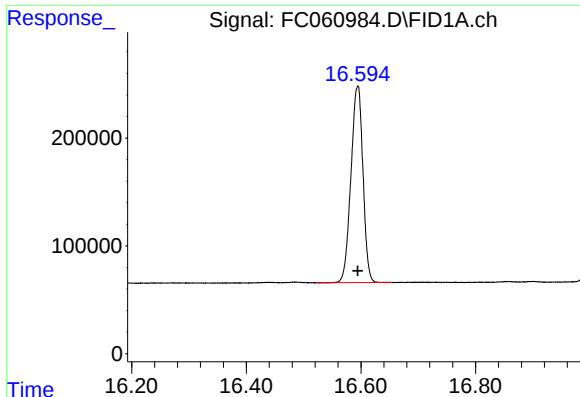
#15 n-Hexacosane (C26)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 2518084
Conc: 16.87 ug/ml



#16 n-Octacosane (C28)

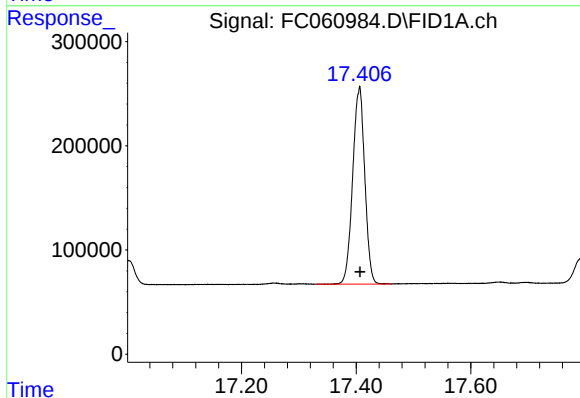
R.T.: 15.727 min
Delta R.T.: -0.001 min
Response: 2482956
Conc: 17.33 ug/ml



#17 n-Tricontane (C30)

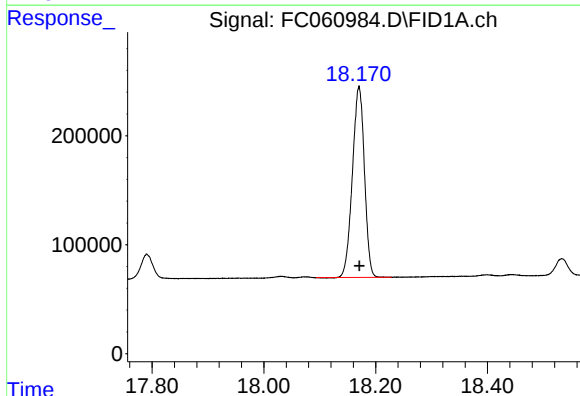
R.T.: 16.594 min
Delta R.T.: 0.000 min
Response: 2648134
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :



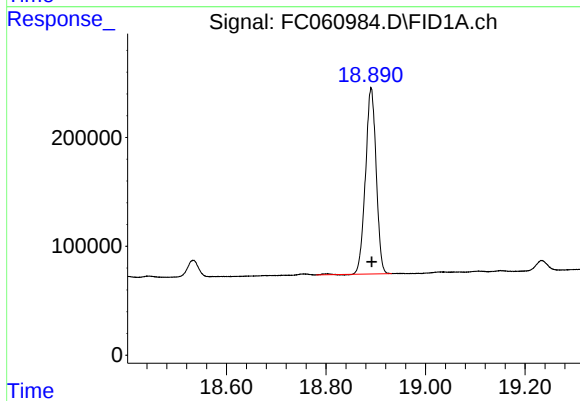
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 2761178
Conc: 20.46 ug/ml



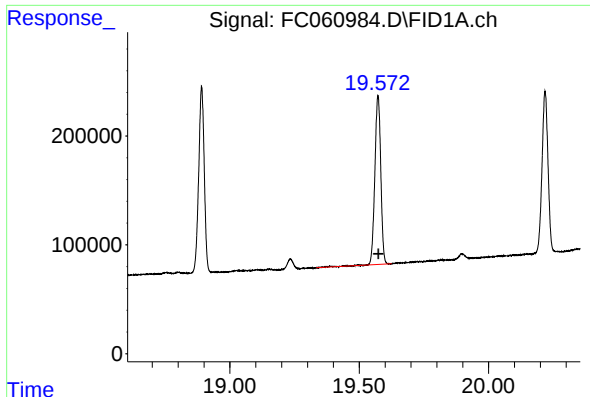
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: 0.000 min
Response: 2613390
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

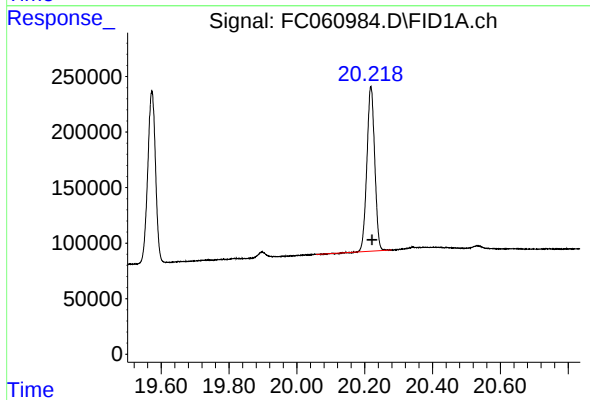
R.T.: 18.891 min
Delta R.T.: -0.001 min
Response: 2553015
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: -0.001 min
Response: 2480574
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.218 min
Delta R.T.: -0.004 min
Response: 2369969
Conc: 20.59 ug/ml