

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061223AL\
 Data File : FC063821.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 20:13
 Operator : YP/AJ
 Sample : 03139-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Integration File: autoint1.e
 Quant Time: Jun 13 00:18:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.539	5828004	31.937 ug/ml
Spiked Amount 50.000		Recovery =	63.87%
12) S 1-chlorooctadecane (S...	12.973	4138031	32.386 ug/ml
Spiked Amount 50.000		Recovery =	64.77%
Target Compounds			
1) T n-Nonane (C9)	3.331	6806562	42.706 ug/ml
2) T n-Decane (C10)	4.388	7306725	45.201 ug/ml
3) T A~Naphthalene (C11.7)	5.965	7780394	44.785 ug/ml
4) T n-Dodecane (C12)	6.396	7442729	45.518 ug/ml
5) T A~2-methylnaphthalene...	7.018	7263648	44.339 ug/ml
6) T n-Tetradecane (C14)	8.188	7238795	46.027 ug/ml
7) T n-Hexadecane (C16)	9.785	7288364	45.798 ug/ml
8) T n-Octadecane (C18)	11.226	7277013	45.991 ug/ml
10) T n-Eicosane (C20)	12.532	6882227	46.536 ug/ml
11) T n-Heneicosane (C21)	13.141	6678313	46.395 ug/ml
13) T n-Docosane (C22)	13.726	6490404	46.073 ug/ml
14) T n-Tetracosane (C24)	14.815	12668308	92.321 ug/ml
15) T n-Hexacosane (C26)	15.846	6203053	46.782 ug/ml
16) T n-Octacosane (C28)	16.791	6111345	48.129 ug/ml
17) T n-Tricontane (C30)	17.679	6432060	50.344 ug/ml
18) T n-Dotriacontane (C32)	18.508	7031531	56.508 ug/ml
19) T n-Tetratriacontane (C34)	19.289	6696518	54.311 ug/ml
20) T n-Hexatriacontane (C36)	20.027	6239361	51.985 ug/ml
21) T n-Octatriacontane (C38)	20.754	6452806	53.447 ug/ml
22) T n-Tetracontane (C40)	21.652	6625498	54.679 ug/ml

(f)=RT Delta > 1/2 Window

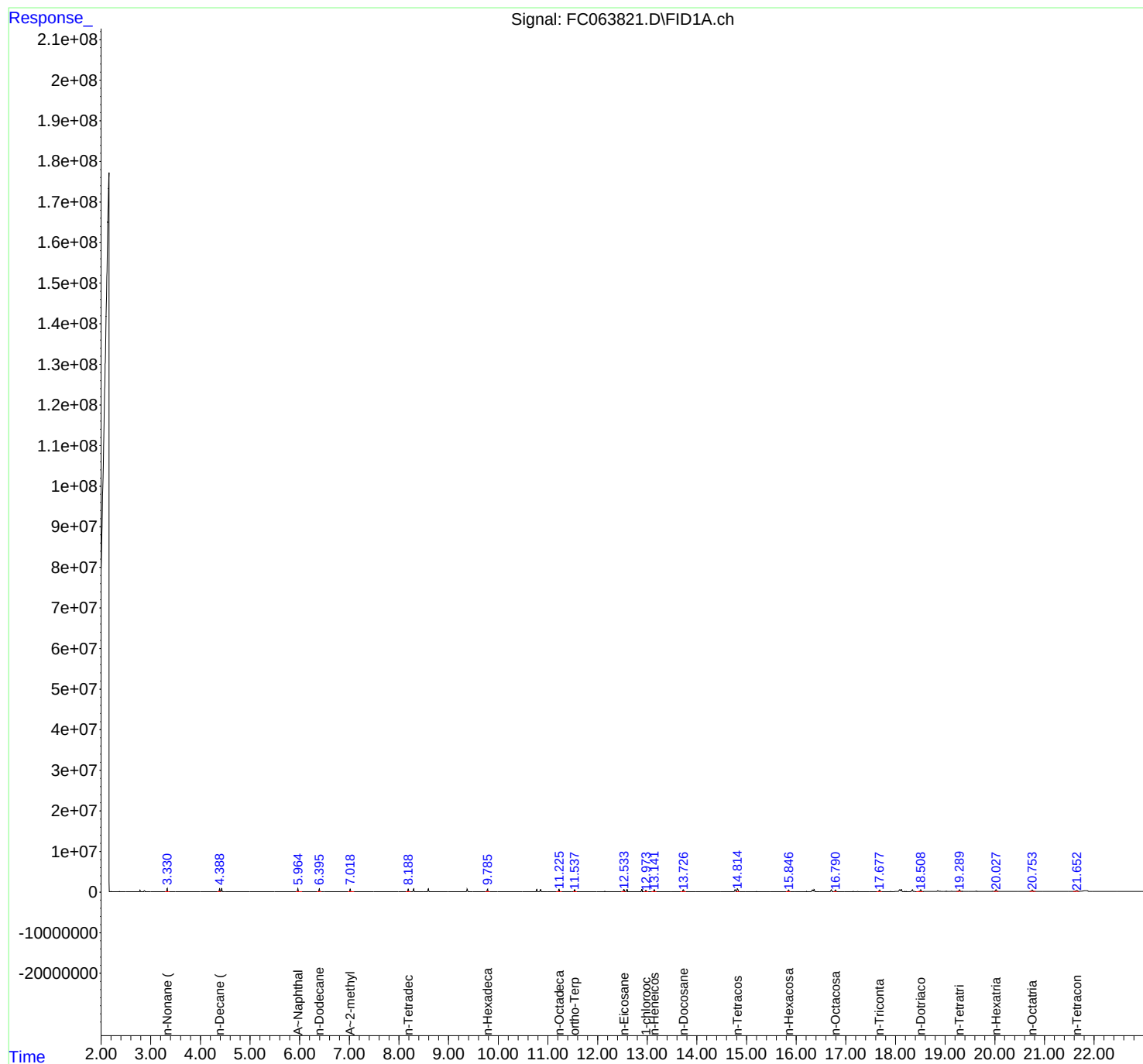
(m)=manual int.

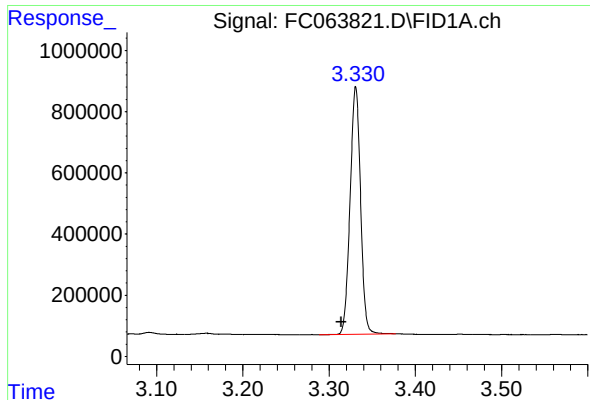
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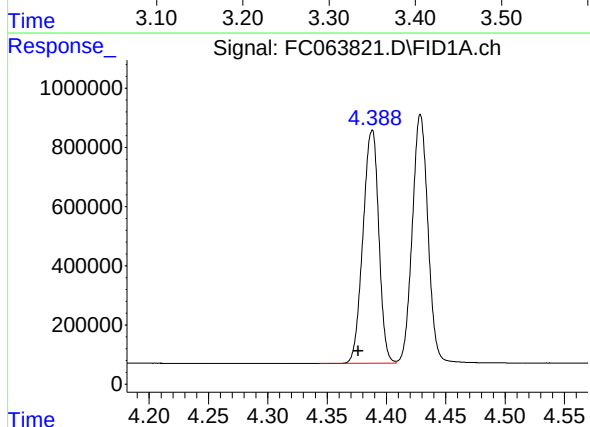




#1 n-Nonane (C9)

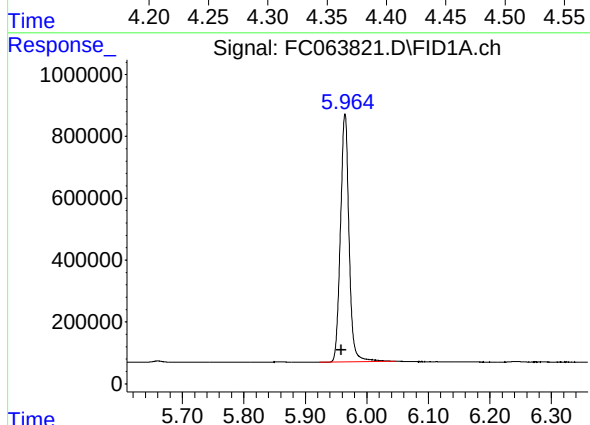
R.T.: 3.331 min
Delta R.T.: 0.017 min
Response: 6806562
Conc: 42.71 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



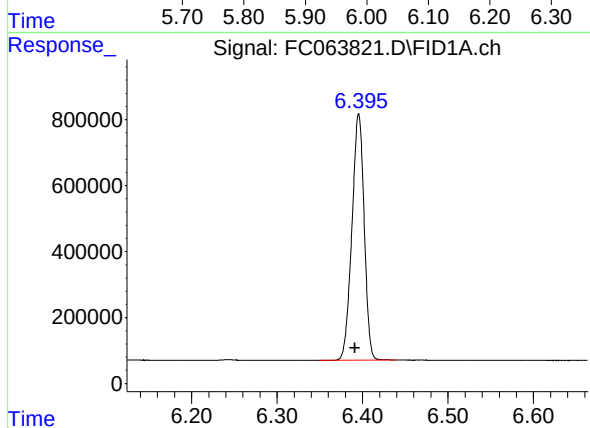
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.011 min
Response: 7306725
Conc: 45.20 ug/ml



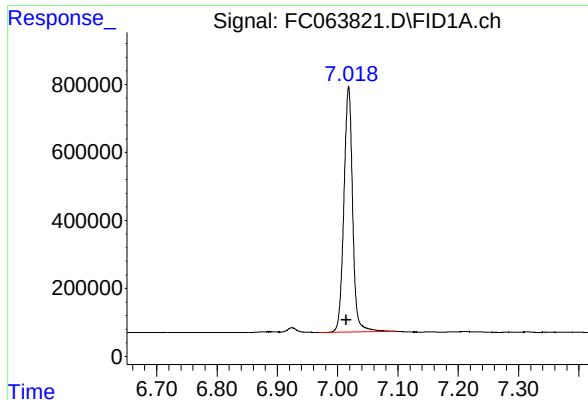
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.006 min
Response: 7780394
Conc: 44.79 ug/ml



#4 n-Dodecane (C12)

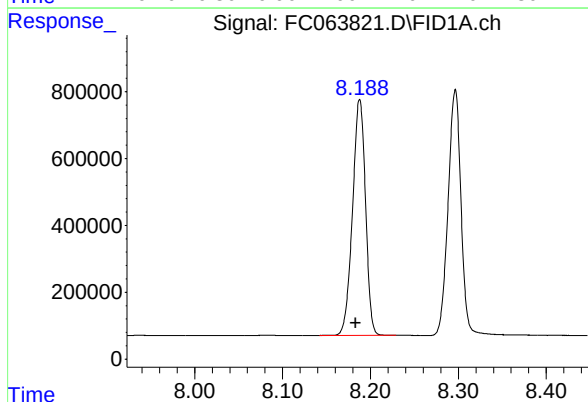
R.T.: 6.396 min
Delta R.T.: 0.005 min
Response: 7442729
Conc: 45.52 ug/ml



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

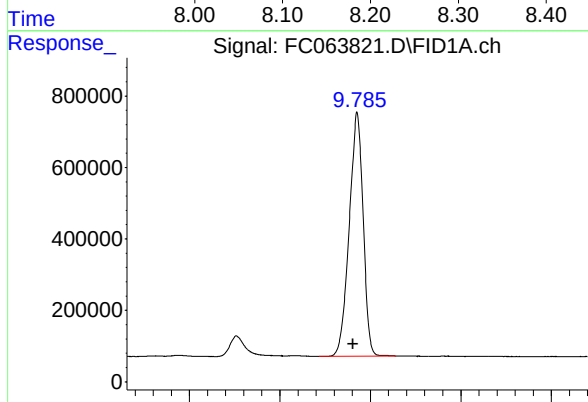
R.T.: 7.018 min
Delta R.T.: 0.004 min
Response: 7263648
Conc: 44.34 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



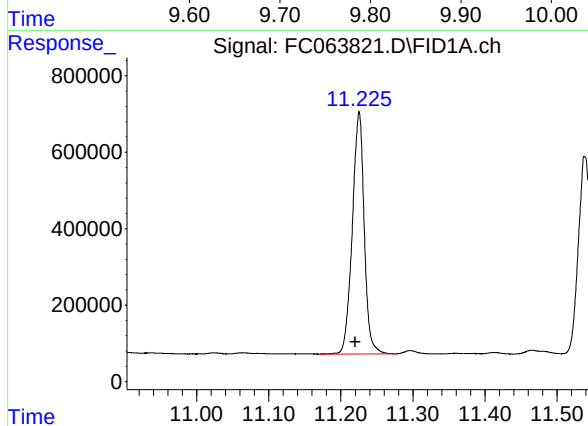
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.005 min
Response: 7238795
Conc: 46.03 ug/ml



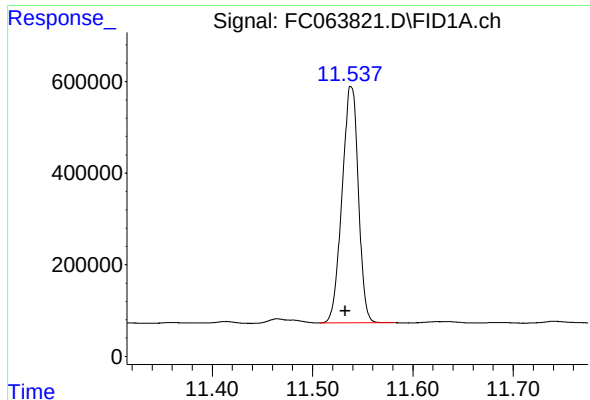
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.005 min
Response: 7288364
Conc: 45.80 ug/ml



#8 n-Octadecane (C18)

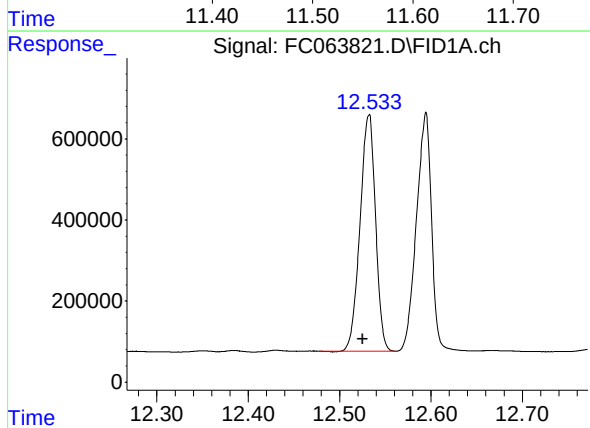
R.T.: 11.226 min
Delta R.T.: 0.006 min
Response: 7277013
Conc: 45.99 ug/ml



#9 ortho-Terphenyl (SURR)

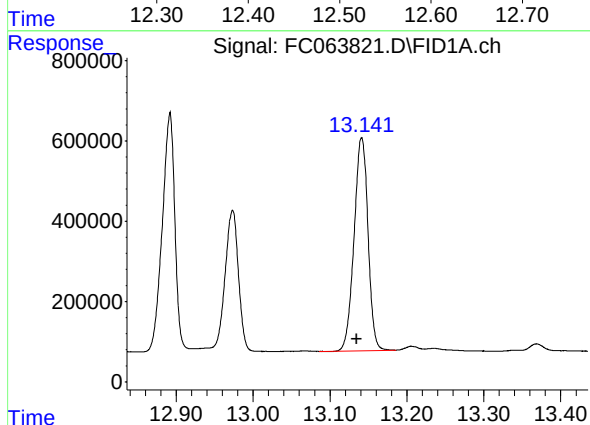
R.T.: 11.539 min
Delta R.T.: 0.006 min
Response: 5828004
Conc: 31.94 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



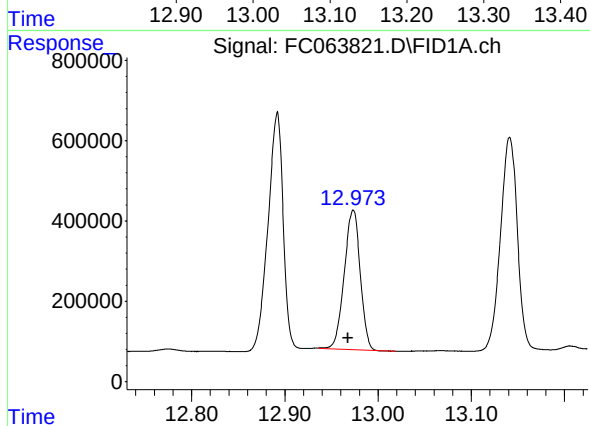
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.007 min
Response: 6882227
Conc: 46.54 ug/ml



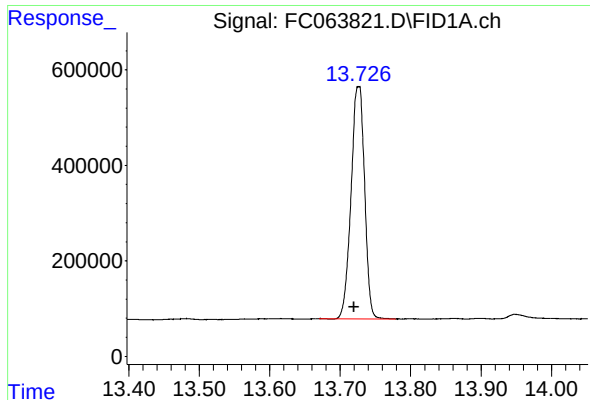
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: 0.007 min
Response: 6678313
Conc: 46.40 ug/ml



#12 1-chlorooctadecane (SURR)

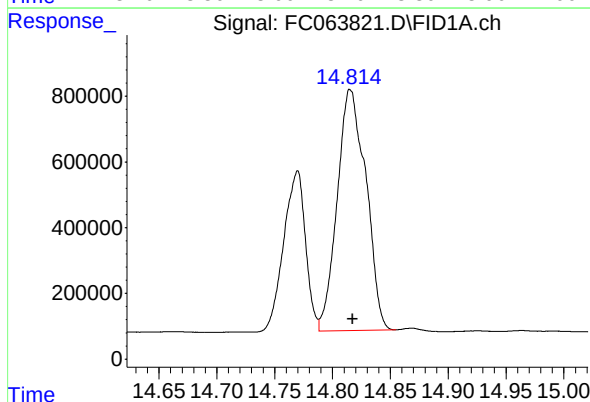
R.T.: 12.973 min
Delta R.T.: 0.006 min
Response: 4138031
Conc: 32.39 ug/ml



#13 n-Docosane (C22)

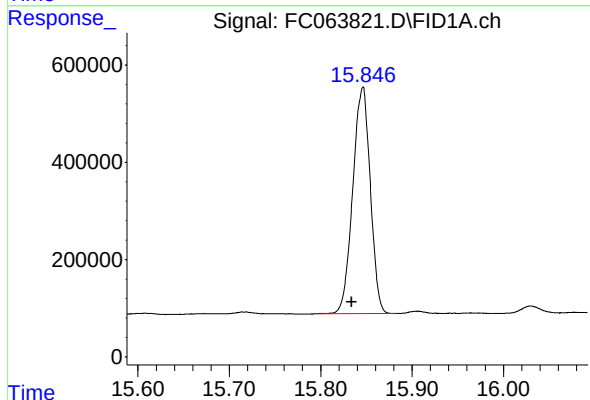
R.T.: 13.726 min
Delta R.T.: 0.007 min
Response: 6490404
Conc: 46.07 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



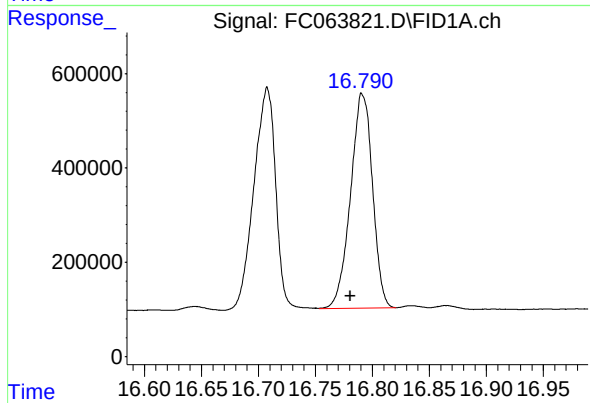
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.002 min
Response: 12668308
Conc: 92.32 ug/ml



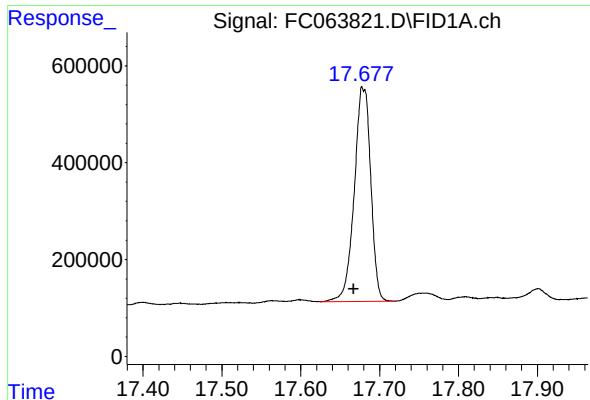
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: 0.012 min
Response: 6203053
Conc: 46.78 ug/ml



#16 n-Octacosane (C28)

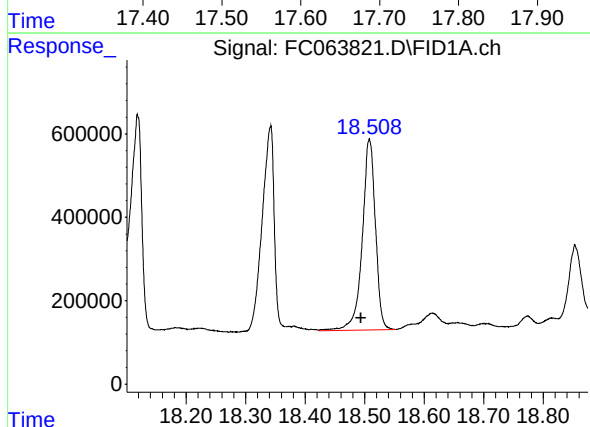
R.T.: 16.791 min
Delta R.T.: 0.010 min
Response: 6111345
Conc: 48.13 ug/ml



#17 n-Tricontane (C30)

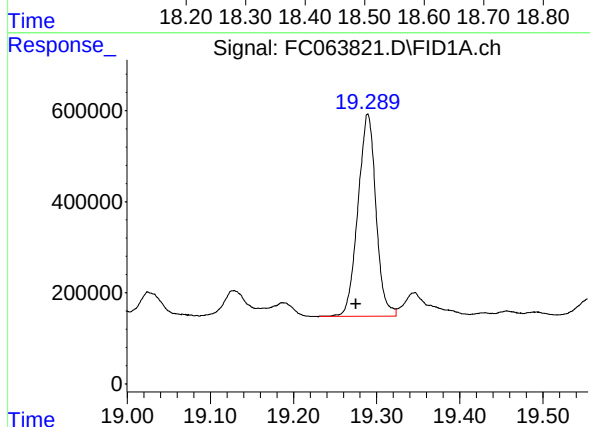
R.T.: 17.679 min
Delta R.T.: 0.011 min
Response: 6432060
Conc: 50.34 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



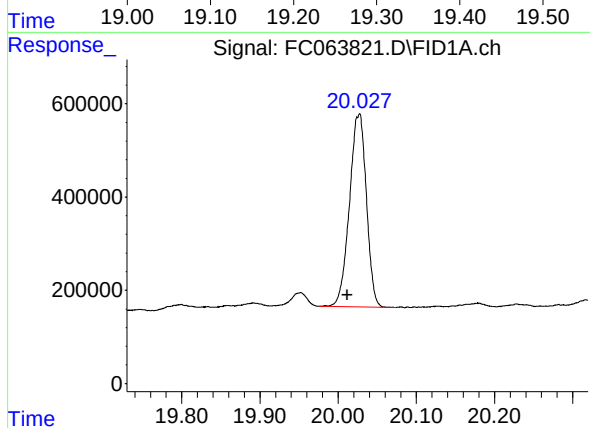
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.014 min
Response: 7031531
Conc: 56.51 ug/ml



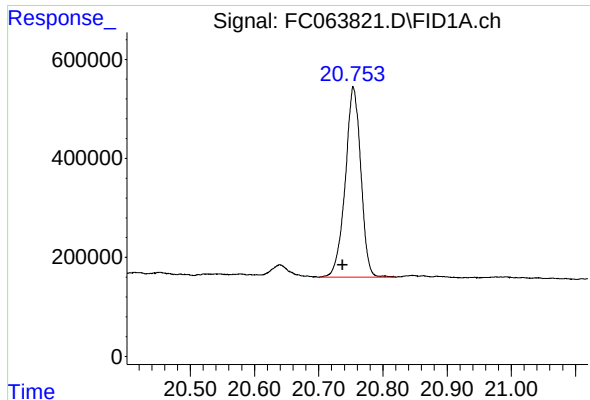
#19 n-Tetatriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.014 min
Response: 6696518
Conc: 54.31 ug/ml



#20 n-Hexatriacontane (C36)

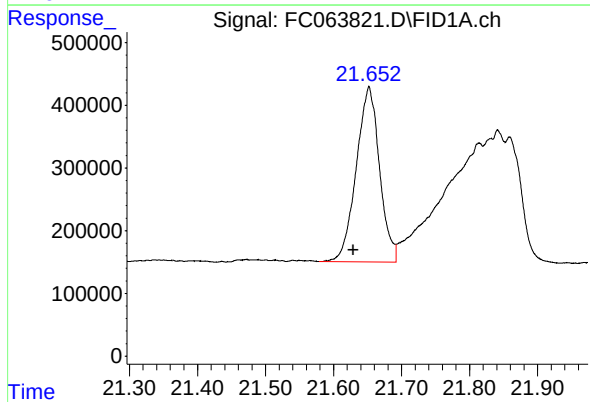
R.T.: 20.027 min
Delta R.T.: 0.015 min
Response: 6239361
Conc: 51.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: 0.016 min
Response: 6452806
Conc: 53.45 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS



#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.023 min
Response: 6625498
Conc: 54.68 ug/ml