

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063525.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 20:03
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 00:32:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:32:07 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)	11.529	817736	5.167 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
12) S 1-chlorooctadecane (S...	12.967	530153	4.909 ug/ml
Spiked Amount 50.000		Recovery =	9.82%
Target Compounds			
1) T n-Nonane (C9)	3.298	665720	5.053 ug/ml
2) T n-Decane (C10)	4.365	660303	4.977 ug/ml
3) T A~Naphthalene (C11.7)	5.952	626200	4.593 ug/ml
4) T n-Dodecane (C12)	6.382	662492	4.999 ug/ml
5) T A~2-methylnaphthalene...	7.009	551074	4.301 ug/ml
6) T n-Tetradecane (C14)	8.176	621167	4.839 ug/ml
7) T n-Hexadecane (C16)	9.775	652157	4.911 ug/ml
8) T n-Octadecane (C18)	11.216	682048	5.009 ug/ml
10) T n-Eicosane (C20)	12.524	674322	5.129 ug/ml
11) T n-Heneicosane (C21)	13.134	660308	5.097 ug/ml
13) T n-Docosane (C22)	13.720	660765	5.121 ug/ml
14) T n-Tetracosane (C24)	14.819	676418	5.172 ug/ml
15) T n-Hexacosane (C26)	15.839	660727	5.128 ug/ml
16) T n-Octacosane (C28)	16.787	655152	5.147 ug/ml
17) T n-Tricontane (C30)	17.672	680662	5.231 ug/ml
18) T n-Dotriacontane (C32)	18.502	686907	5.331 ug/ml
19) T n-Tetratriacontane (C34)	19.283	660045	5.267 ug/ml
20) T n-Hexatriacontane (C36)	20.020	617224	5.213 ug/ml
21) T n-Octatriacontane (C38)	20.748	621087	5.315 ug/ml
22) T n-Tetracontane (C40)	21.647	629361	5.550 ug/ml

(f)=RT Delta > 1/2 Window

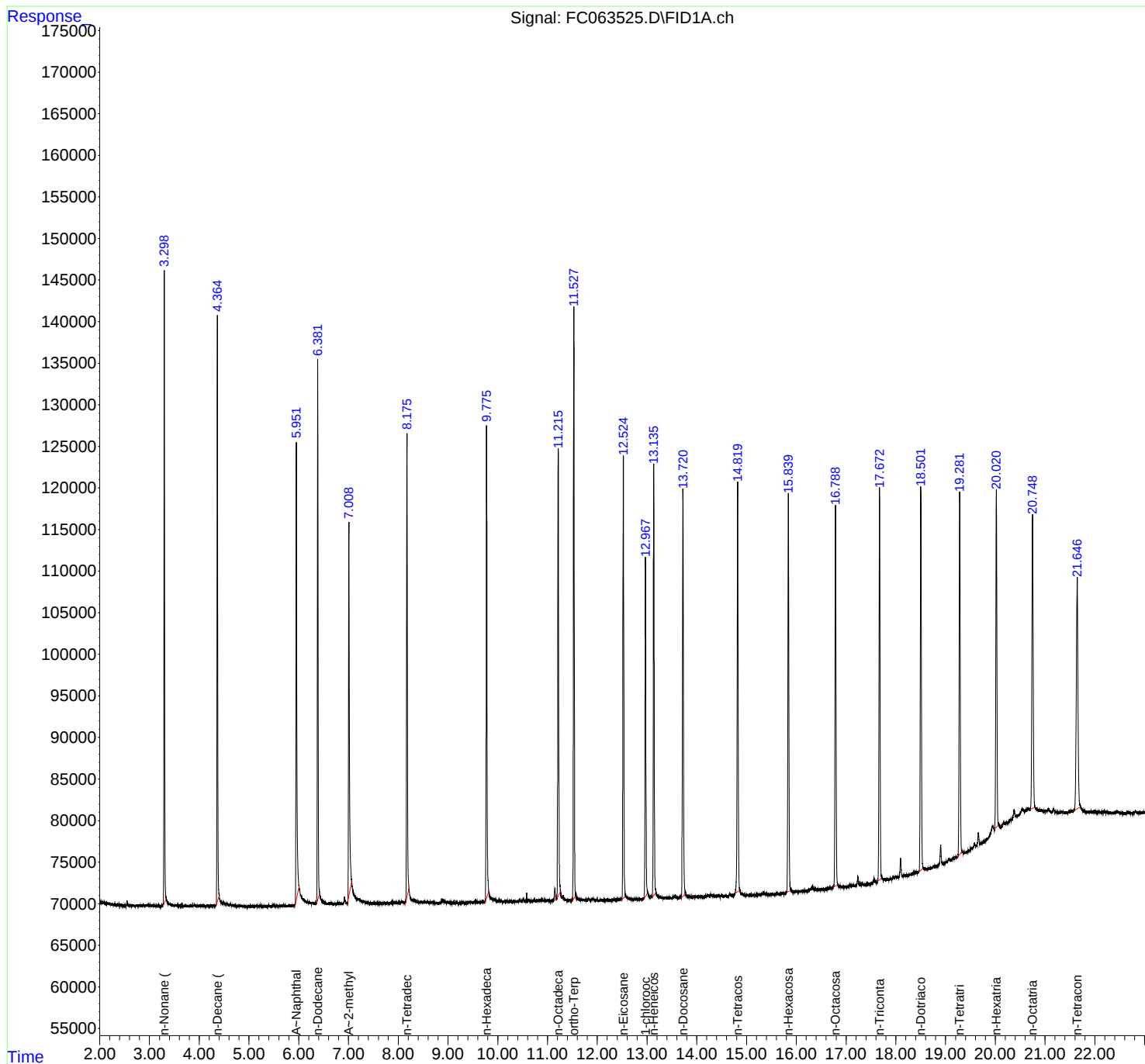
(m)=manual int.

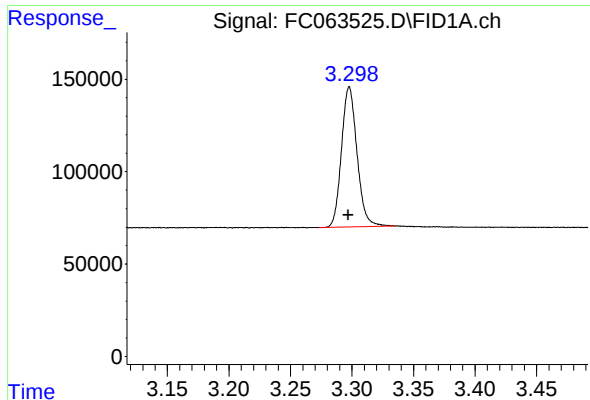
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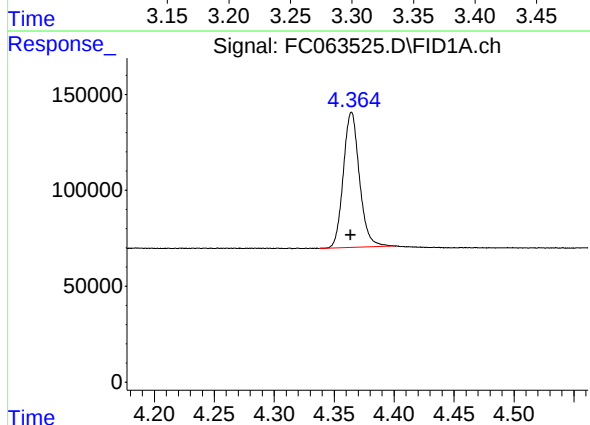




#1 n-Nonane (C9)

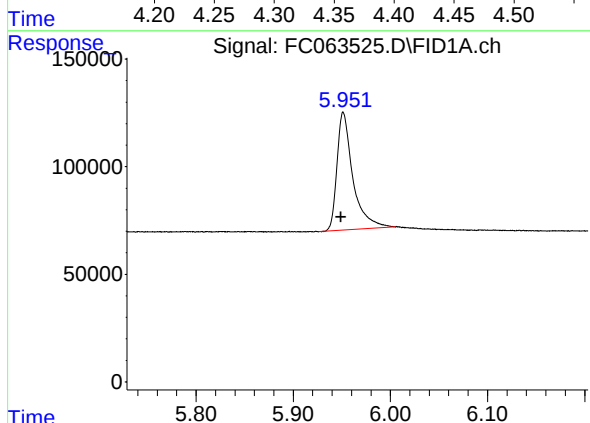
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 665720
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :



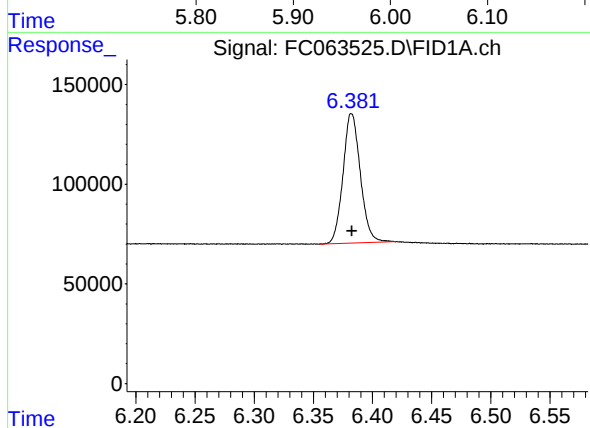
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 660303
Conc: 4.98 ug/ml



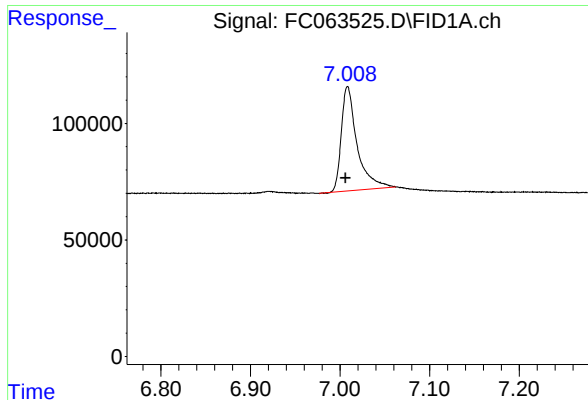
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 626200
Conc: 4.59 ug/ml



#4 n-Dodecane (C12)

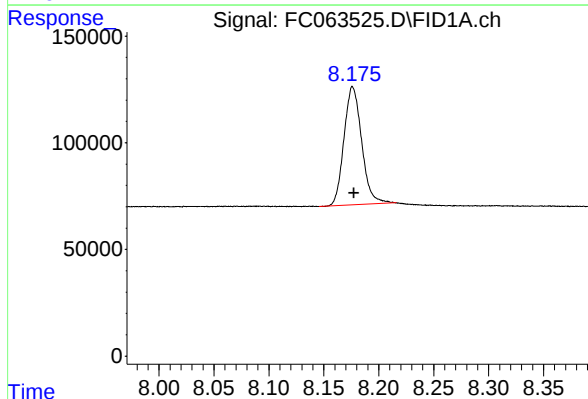
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 662492
Conc: 5.00 ug/ml



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

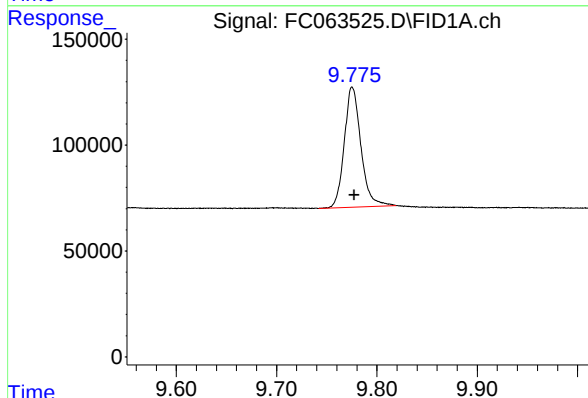
R.T.: 7.009 min
Delta R.T.: 0.002 min
Response: 551074
Conc: 4.30 ug/ml

Instrument :
FID_C
ClientSampleId :



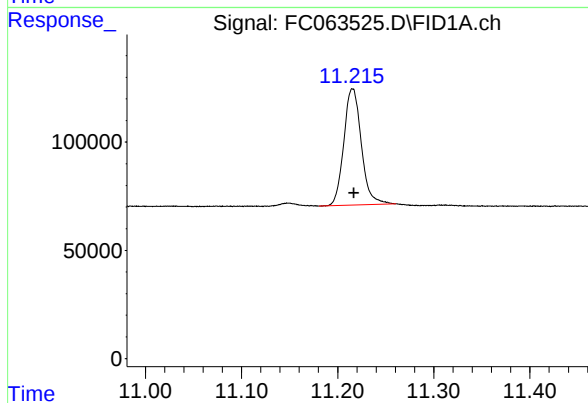
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 621167
Conc: 4.84 ug/ml



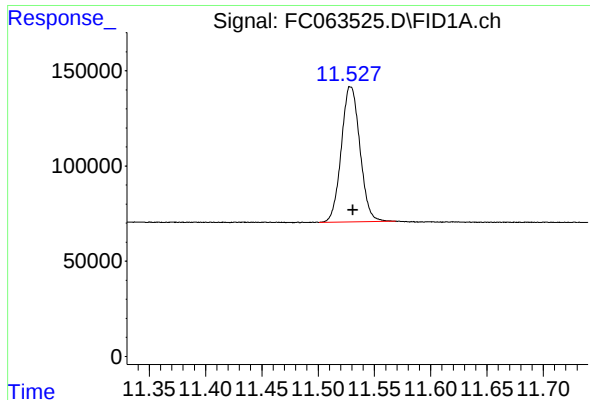
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 652157
Conc: 4.91 ug/ml



#8 n-Octadecane (C18)

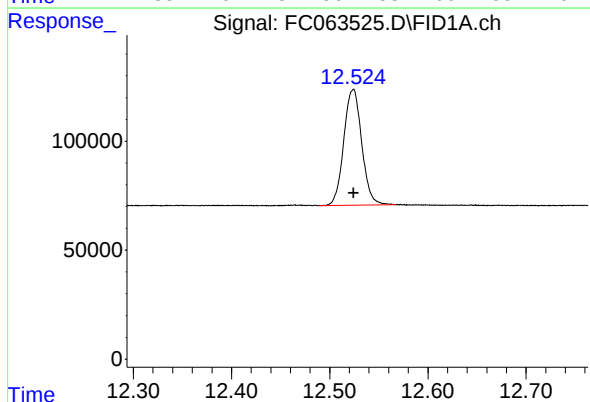
R.T.: 11.216 min
Delta R.T.: -0.002 min
Response: 682048
Conc: 5.01 ug/ml



#9 ortho-Terphenyl (SURR)

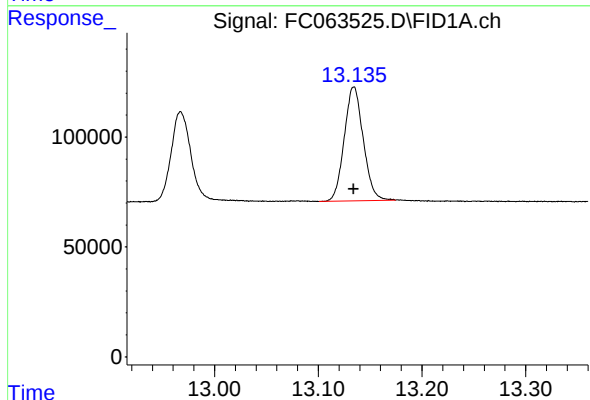
R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 817736
Conc: 5.17 ug/ml

Instrument :
FID_C
ClientSampleId :



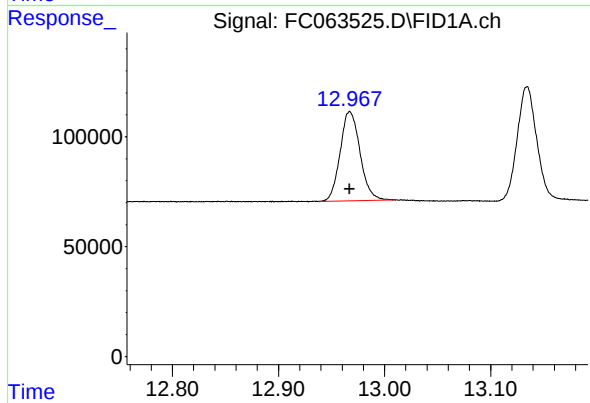
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 674322
Conc: 5.13 ug/ml



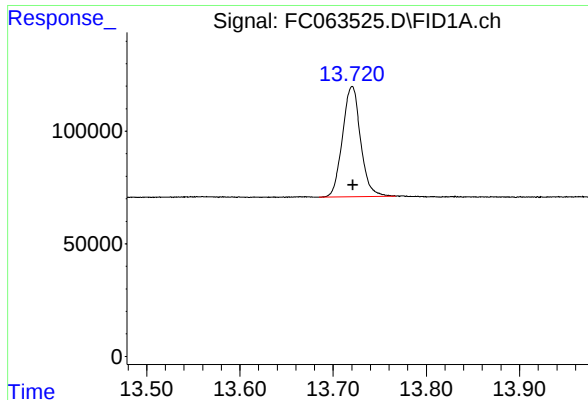
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 660308
Conc: 5.10 ug/ml



#12 1-chlorooctadecane (SURR)

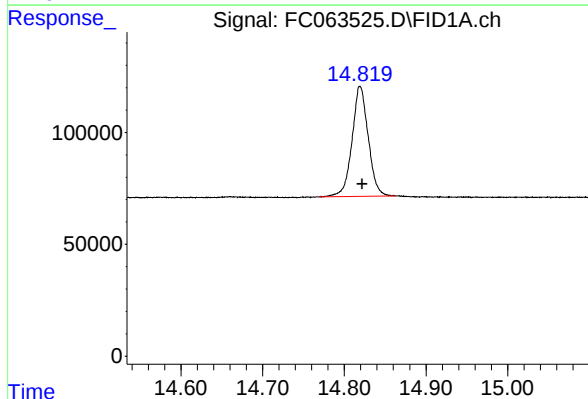
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 530153
Conc: 4.91 ug/ml



#13 n-Docosane (C22)

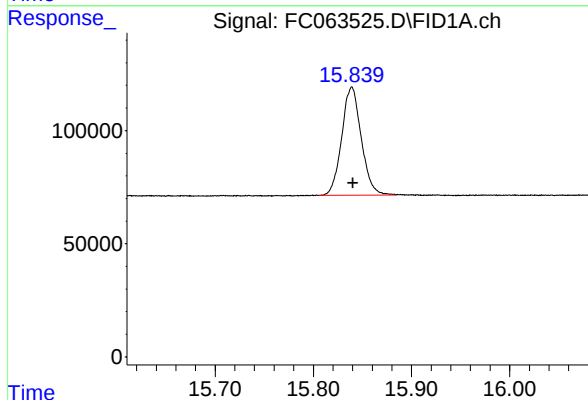
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 660765
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :



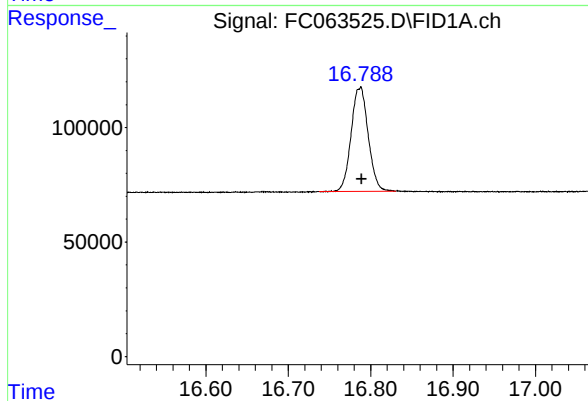
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.003 min
Response: 676418
Conc: 5.17 ug/ml



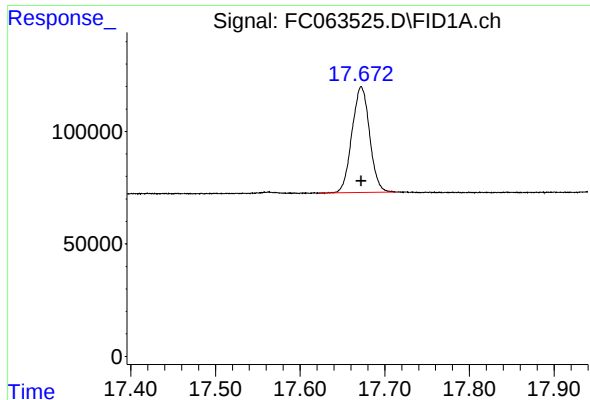
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.001 min
Response: 660727
Conc: 5.13 ug/ml



#16 n-Octacosane (C28)

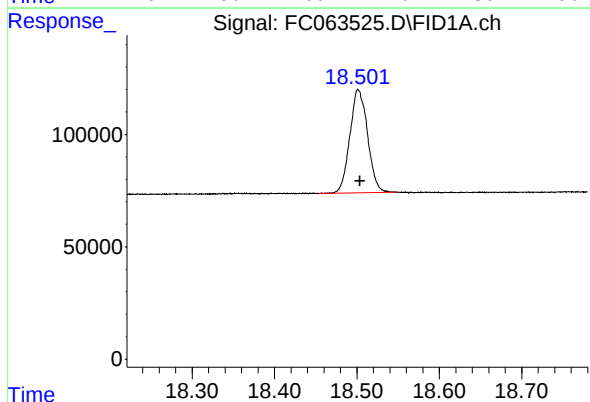
R.T.: 16.787 min
Delta R.T.: -0.001 min
Response: 655152
Conc: 5.15 ug/ml



#17 n-Tricontane (C30)

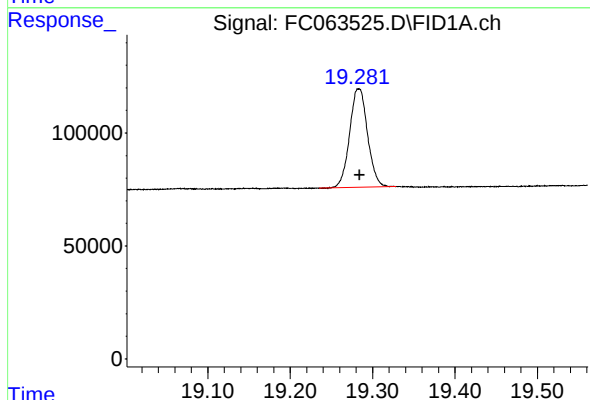
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 680662
Conc: 5.23 ug/ml

Instrument :
FID_C
ClientSampleId :



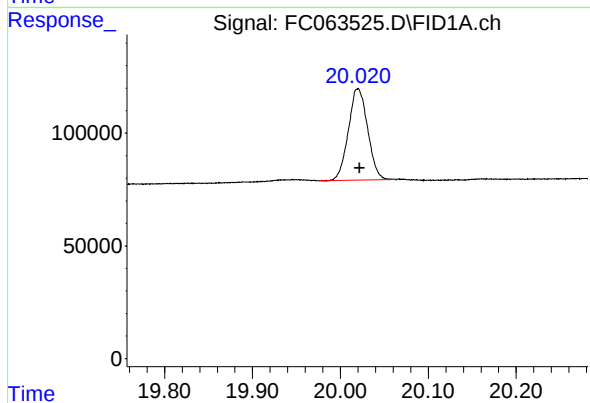
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.002 min
Response: 686907
Conc: 5.33 ug/ml



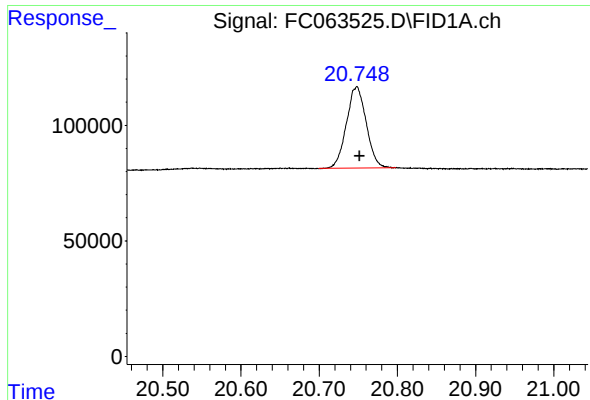
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.001 min
Response: 660045
Conc: 5.27 ug/ml



#20 n-Hexatriacontane (C36)

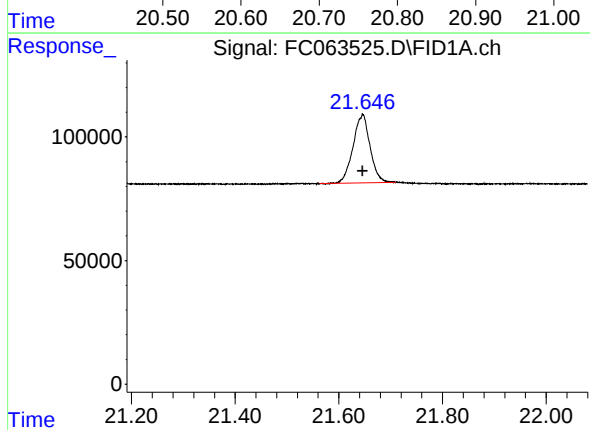
R.T.: 20.020 min
Delta R.T.: -0.002 min
Response: 617224
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.004 min
Response: 621087
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.000 min
Response: 629361
Conc: 5.55 ug/ml