

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111524AL\
 Data File : FC067782.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 18:54
 Operator : YP/AJ
 Sample : P4839-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 08:24:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.452	187232	0.966 ug/ml
Spiked Amount 50.000		Recovery =	1.93%
12) S 1-chlorooctadecane (S...	12.929	4092573	28.193 ug/ml
Spiked Amount 50.000		Recovery =	56.39%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.917	85056	0.464 ug/ml
4) T n-Dodecane (C12)	6.347	137699	0.818 ug/ml
5) T A~2-methylnaphthalene...	6.963	129155	0.728 ug/ml
6) T n-Tetradecane (C14)	8.138	394720	2.357 ug/ml
7) T n-Hexadecane (C16)	9.737	267000	1.541 ug/ml
8) T n-Octadecane (C18)	11.176	231029	1.313 ug/ml
10) T n-Eicosane (C20)	12.485	155054	0.921 ug/ml
11) T n-Heneicosane (C21)	13.096	53398	0.325 ug/ml
13) T n-Docosane (C22)	13.679	88962	0.546 ug/ml
14) T n-Tetracosane (C24)	14.782	67843	0.423 ug/ml
15) T n-Hexacosane (C26)	15.802	78658	0.508 ug/ml
16) T n-Octacosane (C28)	16.751	124479	0.824 ug/ml
17) T n-Tricontane (C30)	17.634	97368	0.636 ug/ml
18) T n-Dotriacontane (C32)	18.490	407654	2.760 ug/ml
19) T n-Tetratriacontane (C34)	19.249	158887	1.260 ug/ml
20) T n-Hexatriacontane (C36)	19.989	69251	0.662 ug/ml
22) T n-Tetracontane (C40)	21.528	643361	6.601 ug/ml

(f)=RT Delta > 1/2 Window

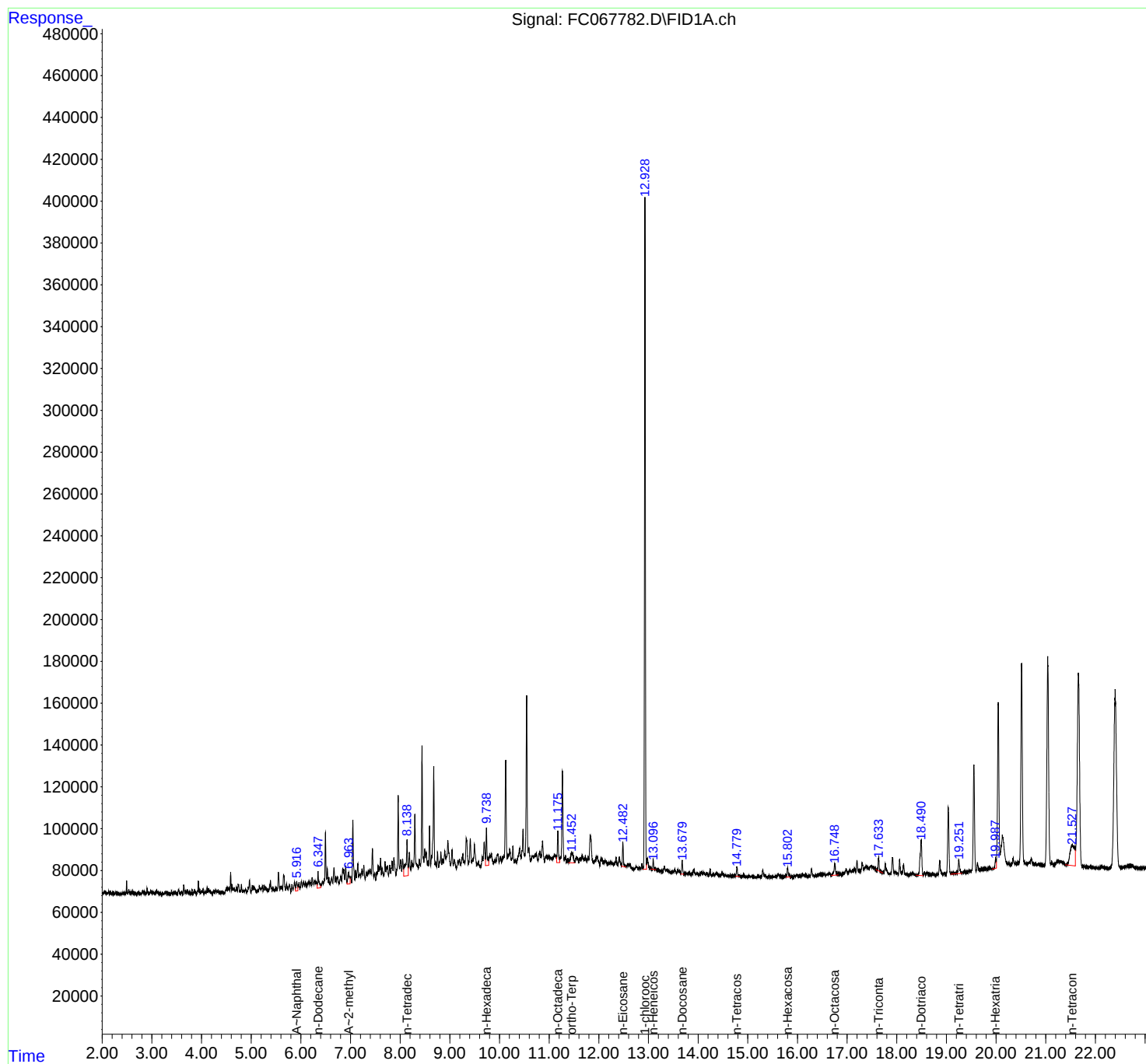
(m)=manual int.

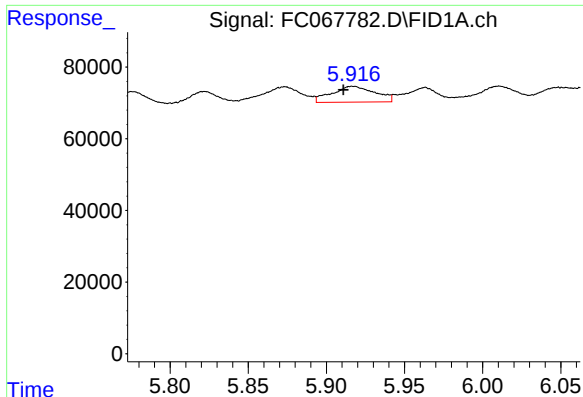
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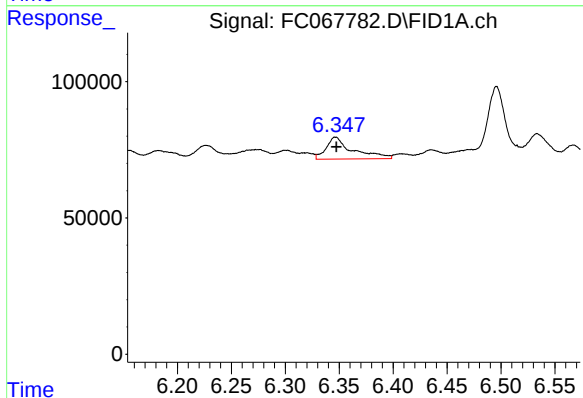




#3 A~Naphthalene (C11.7)

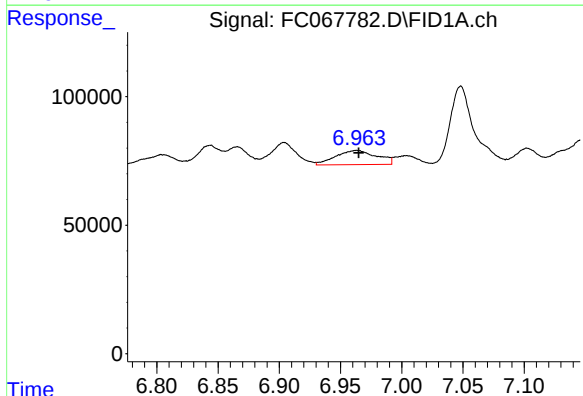
R.T.: 5.917 min
Delta R.T.: 0.006 min
Response: 85056
Conc: 0.46 ug/ml

Instrument :
FID_C
ClientSampleId :



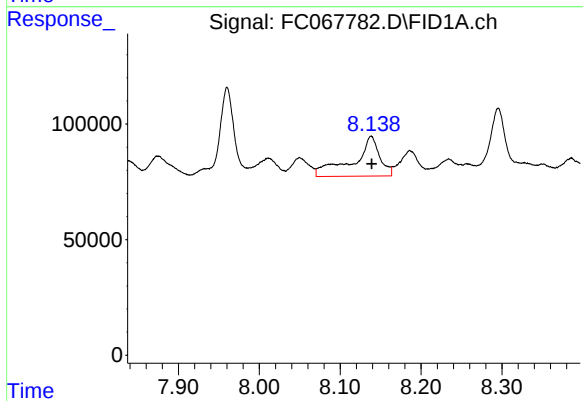
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 137699
Conc: 0.82 ug/ml



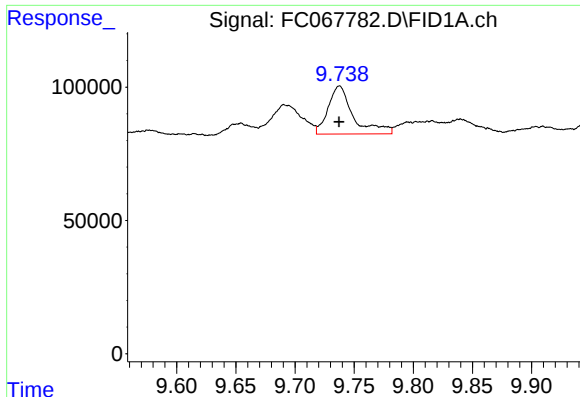
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 129155
Conc: 0.73 ug/ml



#6 n-Tetradecane (C14)

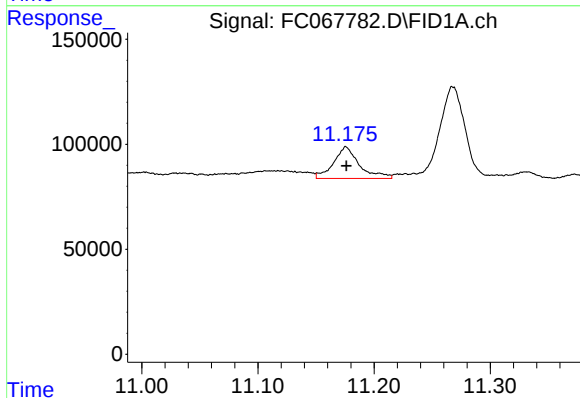
R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 394720
Conc: 2.36 ug/ml



#7 n-Hexadecane (C16)

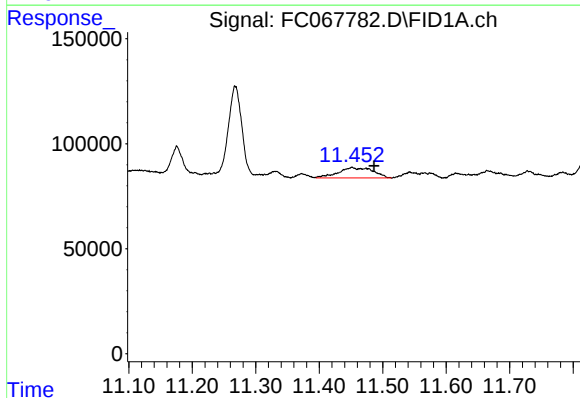
R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 267000
Conc: 1.54 ug/ml

Instrument :
FID_C
ClientSampleId :



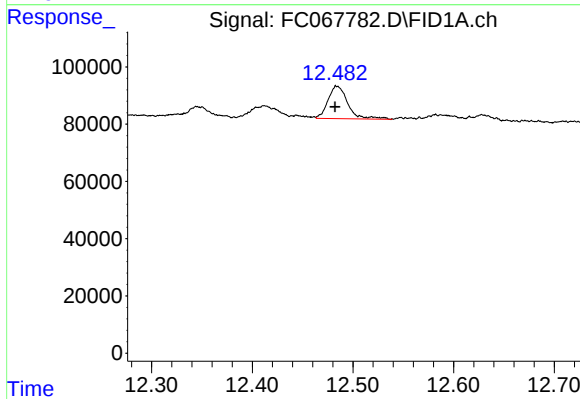
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 231029
Conc: 1.31 ug/ml



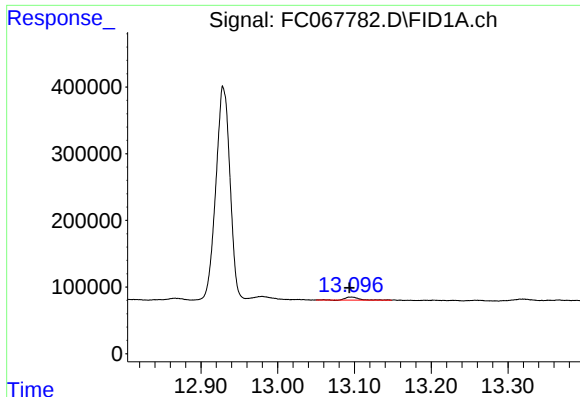
#9 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.035 min
Response: 187232
Conc: 0.97 ug/ml



#10 n-Eicosane (C20)

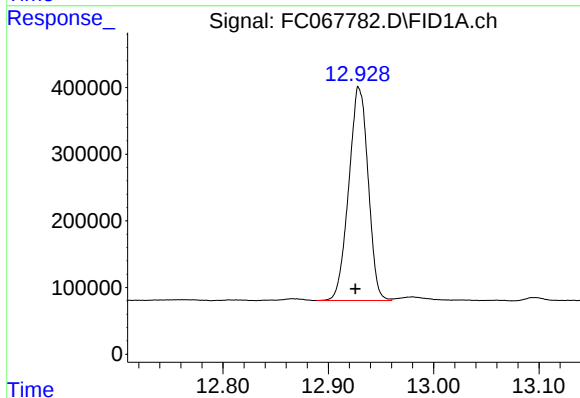
R.T.: 12.485 min
Delta R.T.: 0.002 min
Response: 155054
Conc: 0.92 ug/ml



#11 n-Heneicosane (C21)

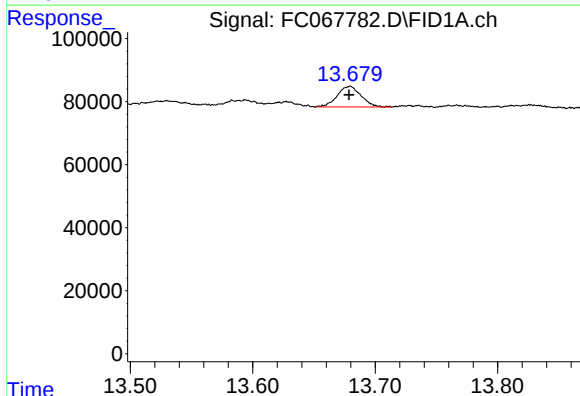
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 53398
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :



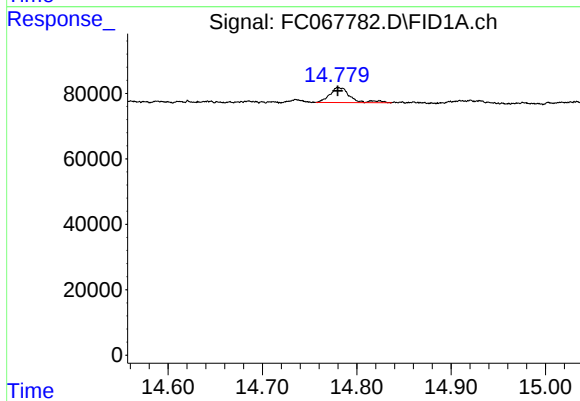
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.004 min
Response: 4092573
Conc: 28.19 ug/ml



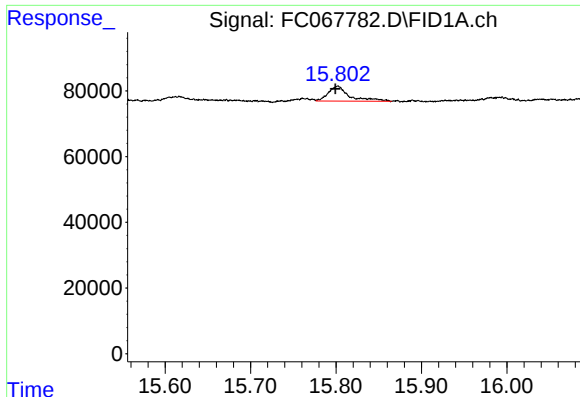
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 88962
Conc: 0.55 ug/ml



#14 n-Tetracosane (C24)

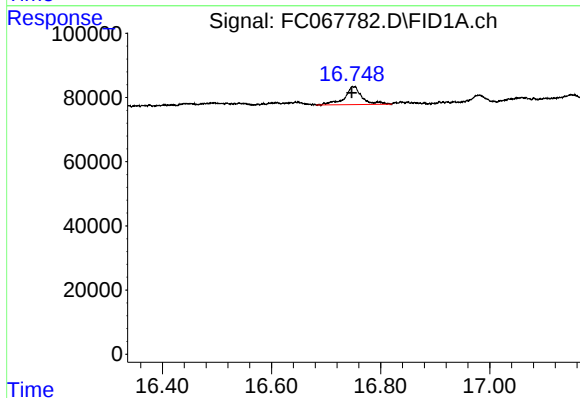
R.T.: 14.782 min
Delta R.T.: 0.002 min
Response: 67843
Conc: 0.42 ug/ml



#15 n-Hexacosane (C26)

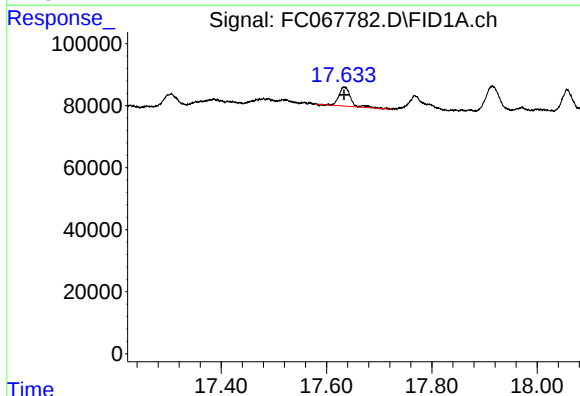
R.T.: 15.802 min
Delta R.T.: 0.002 min
Response: 78658
Conc: 0.51 ug/ml

Instrument :
FID_C
ClientSampleId :



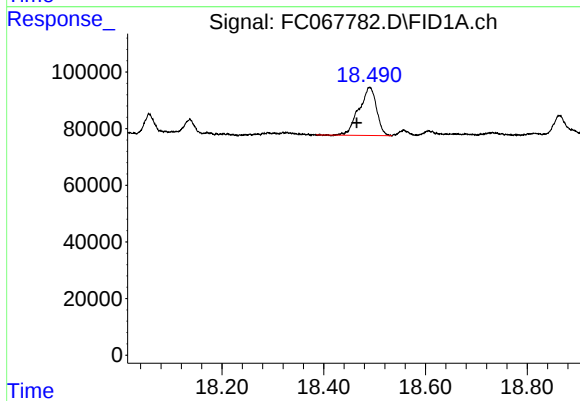
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: 0.004 min
Response: 124479
Conc: 0.82 ug/ml



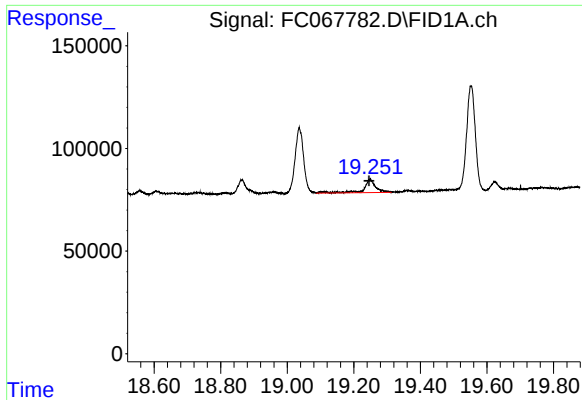
#17 n-Tricontane (C30)

R.T.: 17.634 min
Delta R.T.: 0.000 min
Response: 97368
Conc: 0.64 ug/ml



#18 n-Dotriacontane (C32)

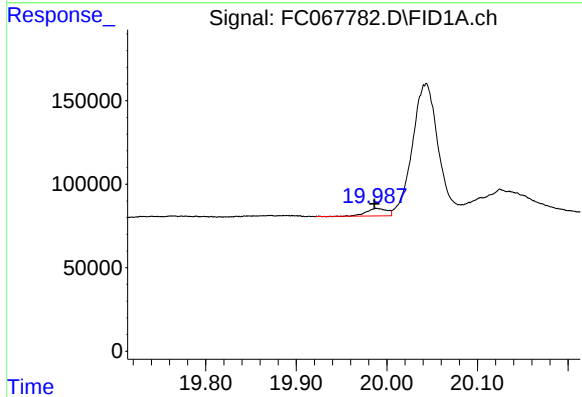
R.T.: 18.490 min
Delta R.T.: 0.025 min
Response: 407654
Conc: 2.76 ug/ml



#19 n-Tetratriacontane (C34)

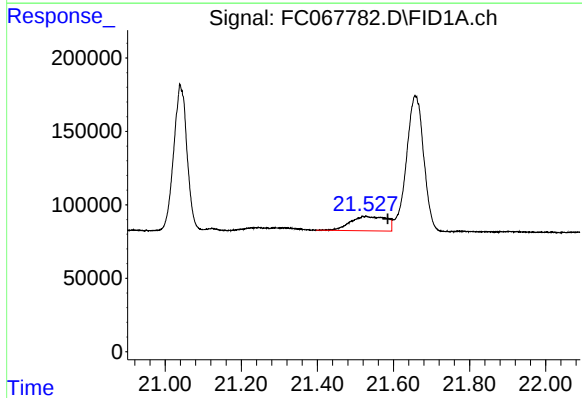
R.T.: 19.249 min
Delta R.T.: 0.003 min
Response: 158887
Conc: 1.26 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: 0.003 min
Response: 69251
Conc: 0.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.528 min
Delta R.T.: -0.057 min
Response: 643361
Conc: 6.60 ug/ml