

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067211.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 21:15
 Operator : YP/AJ
 Sample : P4104-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 03:20:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.484	159346	1.144 ug/ml
Spiked Amount 50.000		Recovery =	2.29%
12) S 1-chlorooctadecane (S...	12.942	2992396	30.633 ug/ml
Spiked Amount 50.000		Recovery =	61.27%
Target Compounds			
1) T n-Nonane (C9)	3.294	37826	0.285 ug/ml
2) T n-Decane (C10)	4.294	92423	0.688 ug/ml
3) T A~Naphthalene (C11.7)	5.932	312239	2.197 ug/ml
4) T n-Dodecane (C12)	6.356	218952	1.636 ug/ml
5) T A~2-methylnaphthalene...	6.960	224764	1.683 ug/ml
6) T n-Tetradecane (C14)	8.150	143364	1.112 ug/ml
7) T n-Hexadecane (C16)	9.750	109979	0.853 ug/ml
8) T n-Octadecane (C18)	11.189	171053	1.337 ug/ml
10) T n-Eicosane (C20)	12.498	121866	1.015 ug/ml
13) T n-Docosane (C22)	13.694	51584	0.447 ug/ml
18) T n-Dotriacontane (C32)	18.483	67648	0.649 ug/ml
19) T n-Tetratriacontane (C34)	19.265	93618	1.015 ug/ml
20) T n-Hexatriacontane (C36)	20.004	108822	1.373 ug/ml
21) T n-Octatriacontane (C38)	20.728	191703	2.552 ug/ml
22) T n-Tetracontane (C40)	21.616	325513	4.659 ug/ml

(f)=RT Delta > 1/2 Window

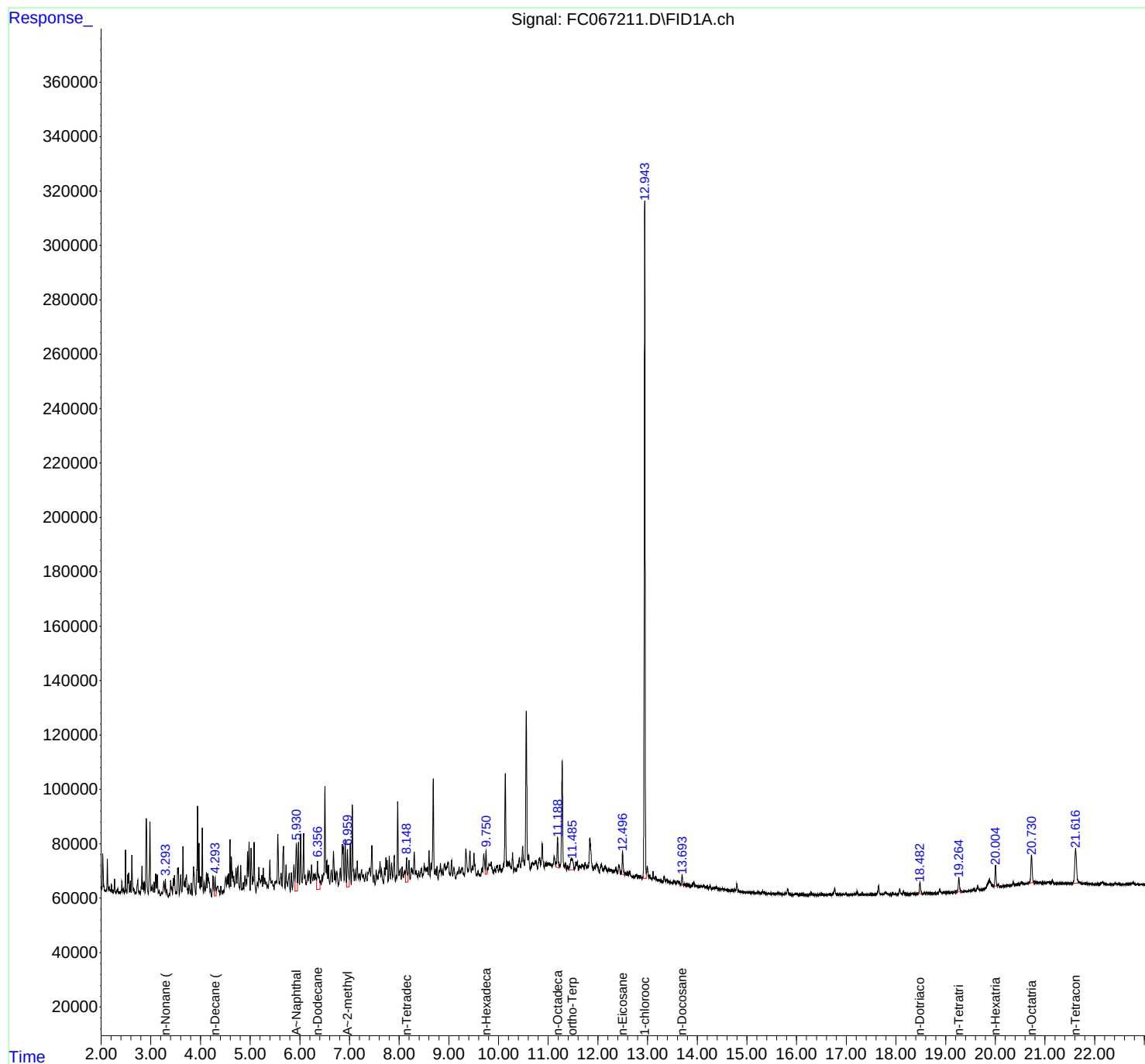
(m)=manual int.

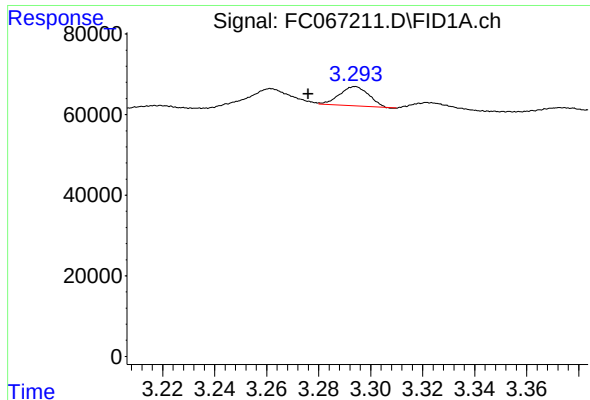
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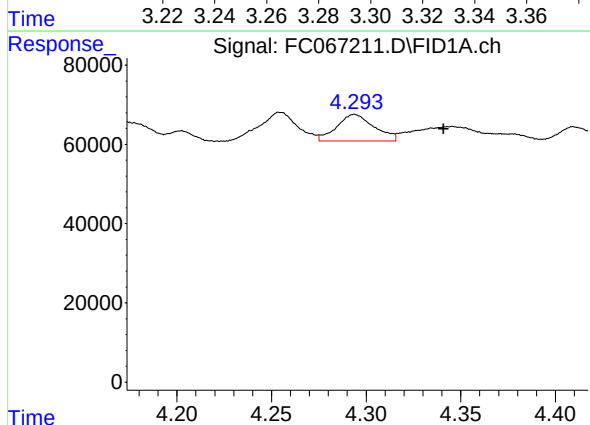




#1 n-Nonane (C9)

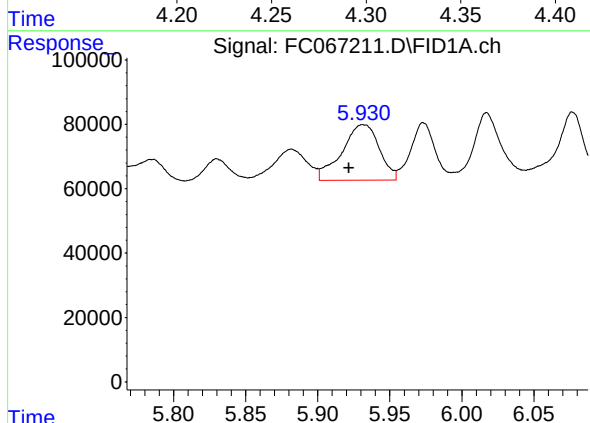
R.T.: 3.294 min
Delta R.T.: 0.018 min
Response: 37826
Conc: 0.29 ug/ml

Instrument :
FID_C
ClientSampleId :



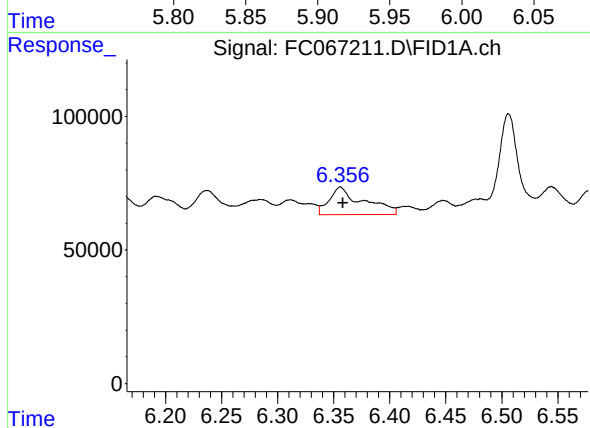
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.047 min
Response: 92423
Conc: 0.69 ug/ml



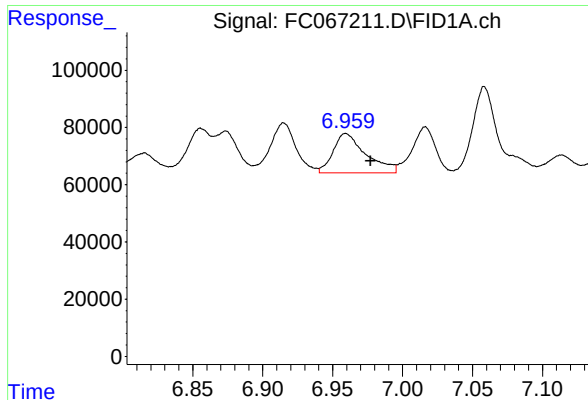
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.010 min
Response: 312239
Conc: 2.20 ug/ml



#4 n-Dodecane (C12)

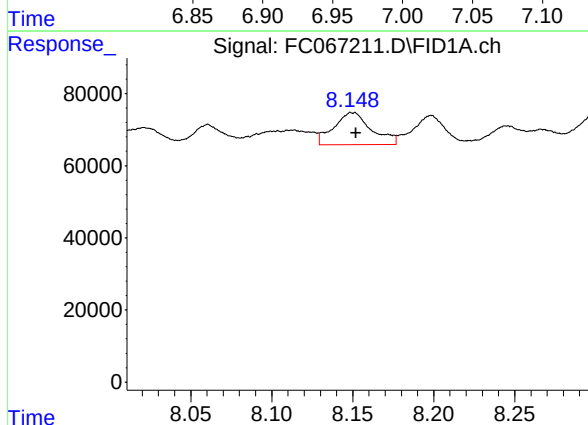
R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 218952
Conc: 1.64 ug/ml



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

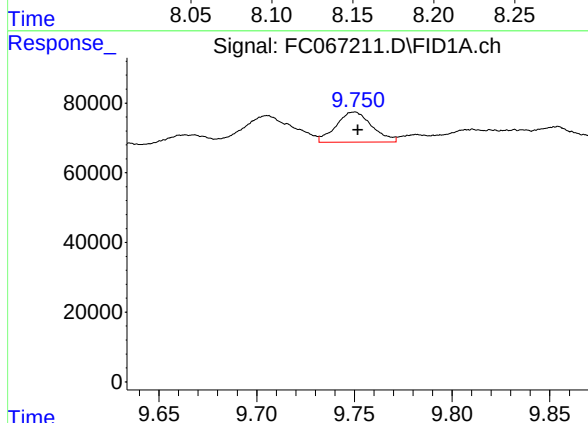
R.T.: 6.960 min
Delta R.T.: -0.017 min
Response: 224764
Conc: 1.68 ug/ml

Instrument :
FID_C
ClientSampleId :



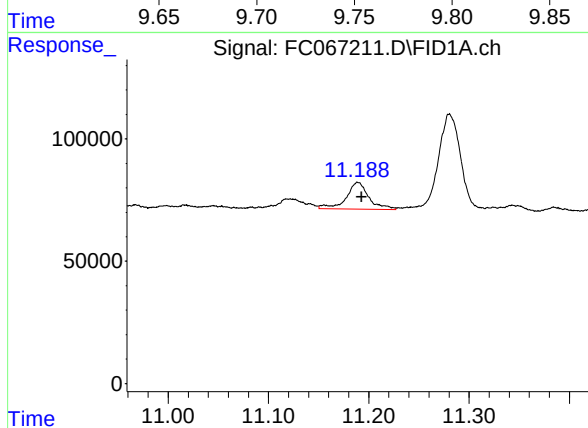
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 143364
Conc: 1.11 ug/ml



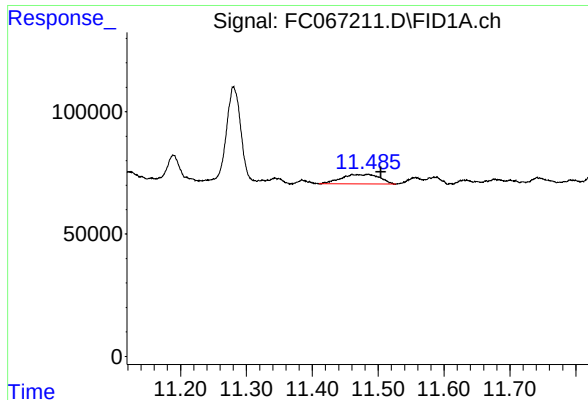
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 109979
Conc: 0.85 ug/ml



#8 n-Octadecane (C18)

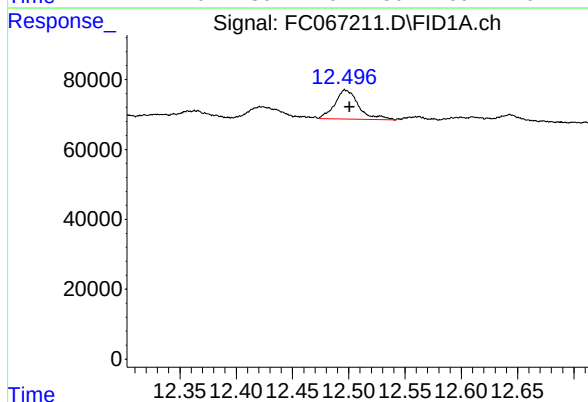
R.T.: 11.189 min
Delta R.T.: -0.004 min
Response: 171053
Conc: 1.34 ug/ml



#9 ortho-Terphenyl (SURR)

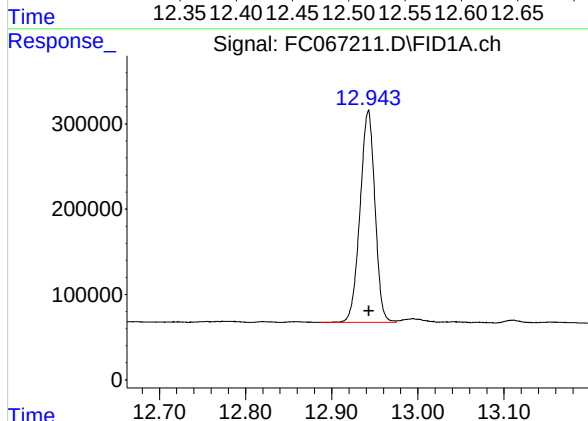
R.T.: 11.484 min
Delta R.T.: -0.020 min
Response: 159346
Conc: 1.14 ug/ml

Instrument :
FID_C
ClientSampleId :



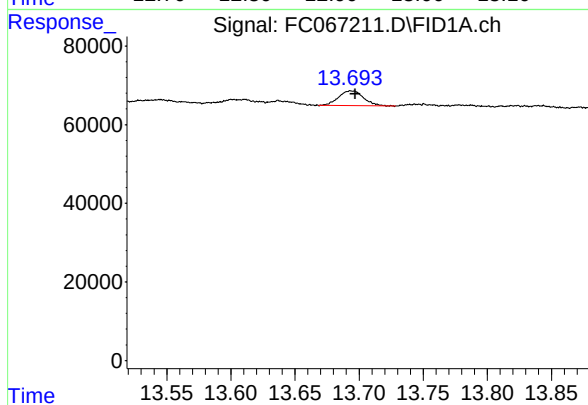
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 121866
Conc: 1.01 ug/ml



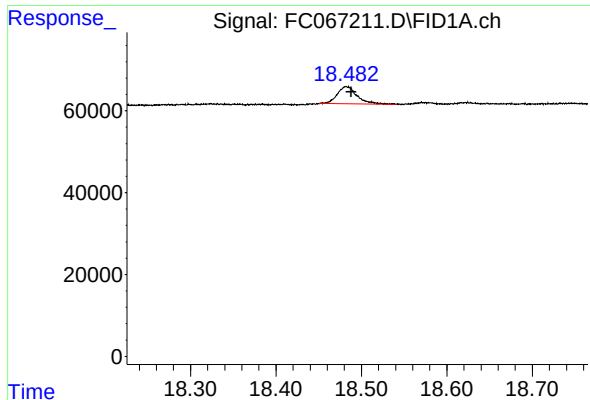
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.001 min
Response: 2992396
Conc: 30.63 ug/ml



#13 n-Docosane (C22)

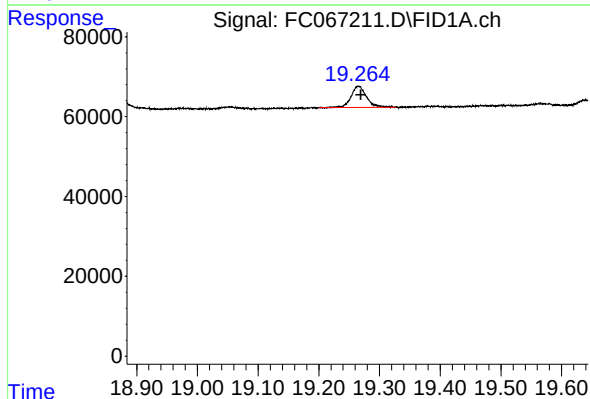
R.T.: 13.694 min
Delta R.T.: -0.003 min
Response: 51584
Conc: 0.45 ug/ml



#18 n-Dotriacontane (C32)

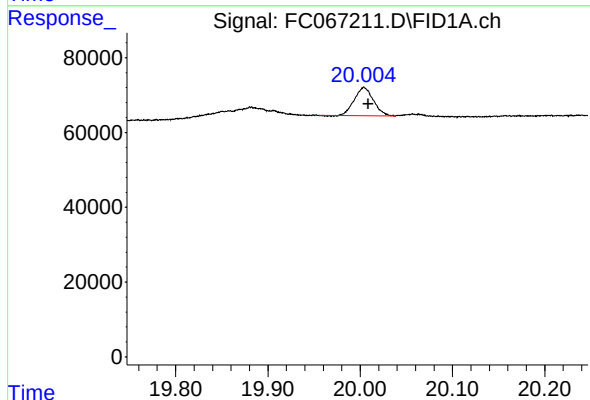
R.T.: 18.483 min
Delta R.T.: -0.006 min
Response: 67648
Conc: 0.65 ug/ml

Instrument :
FID_C
ClientSampleId :



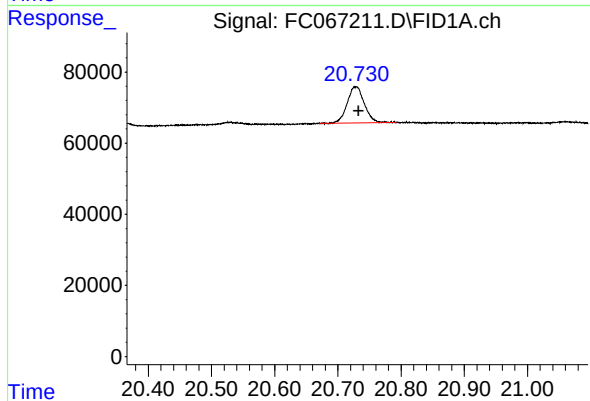
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.004 min
Response: 93618
Conc: 1.01 ug/ml



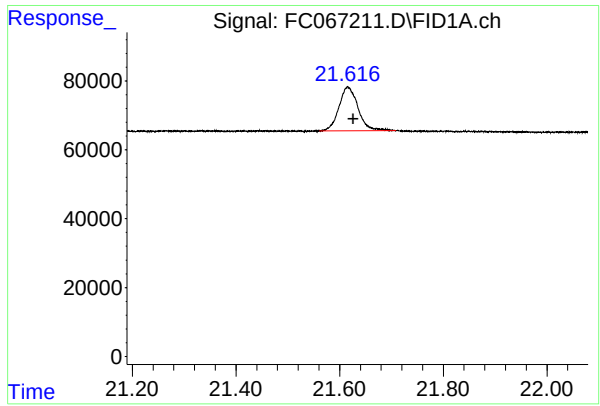
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 108822
Conc: 1.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.005 min
Response: 191703
Conc: 2.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.011 min
Response: 325513
Conc: 4.66 ug/ml

Instrument :

FID_C

ClientSampleId :