

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC063017.D
 Signal(s) : FID1A.ch
 Acq On : 24 Feb 2023 10:38
 Operator : YP/AJ
 Sample : 01657-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 02:29:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.534	464942	3.582 ug/ml
Spiked Amount 50.000		Recovery =	7.16%
12) S 1-chlorooctadecane (S...	12.975	3340240	34.242 ug/ml
Spiked Amount 50.000		Recovery =	68.48%
Target Compounds			
1) T n-Nonane (C9)	3.295	2525325	21.300 ug/ml
2) T n-Decane (C10)	4.362	3065883	26.588 ug/ml
4) T n-Dodecane (C12)	6.384	3577934	30.985 ug/ml
6) T n-Tetradecane (C14)	8.180	3742505	33.114 ug/ml
7) T n-Hexadecane (C16)	9.781	4025068	34.989 ug/ml
8) T n-Octadecane (C18)	11.223	4157951	35.698 ug/ml
10) T n-Eicosane (C20)	12.532	3977301	34.906 ug/ml
11) T n-Heneicosane (C21)	13.142	3925715	34.447 ug/ml
13) T n-Docosane (C22)	13.727	3920352	34.760 ug/ml
14) T n-Tetracosane (C24)	14.830	3908151	34.874 ug/ml
15) T n-Hexacosane (C26)	15.849	3880297	35.087 ug/ml
16) T n-Octacosane (C28)	16.797	3858273	35.065 ug/ml
17) T n-Tricontane (C30)	17.683	3879633	35.230 ug/ml
18) T n-Dotriacontane (C32)	18.514	3936646	35.273 ug/ml
19) T n-Tetratriacontane (C34)	19.296	3823053	34.206 ug/ml
20) T n-Hexatriacontane (C36)	20.035	3489359	32.144 ug/ml
21) T n-Octatriacontane (C38)	20.763	3194296	29.395 ug/ml
22) T n-Tetracontane (C40)	21.661	2958502	27.194 ug/ml

(f)=RT Delta > 1/2 Window

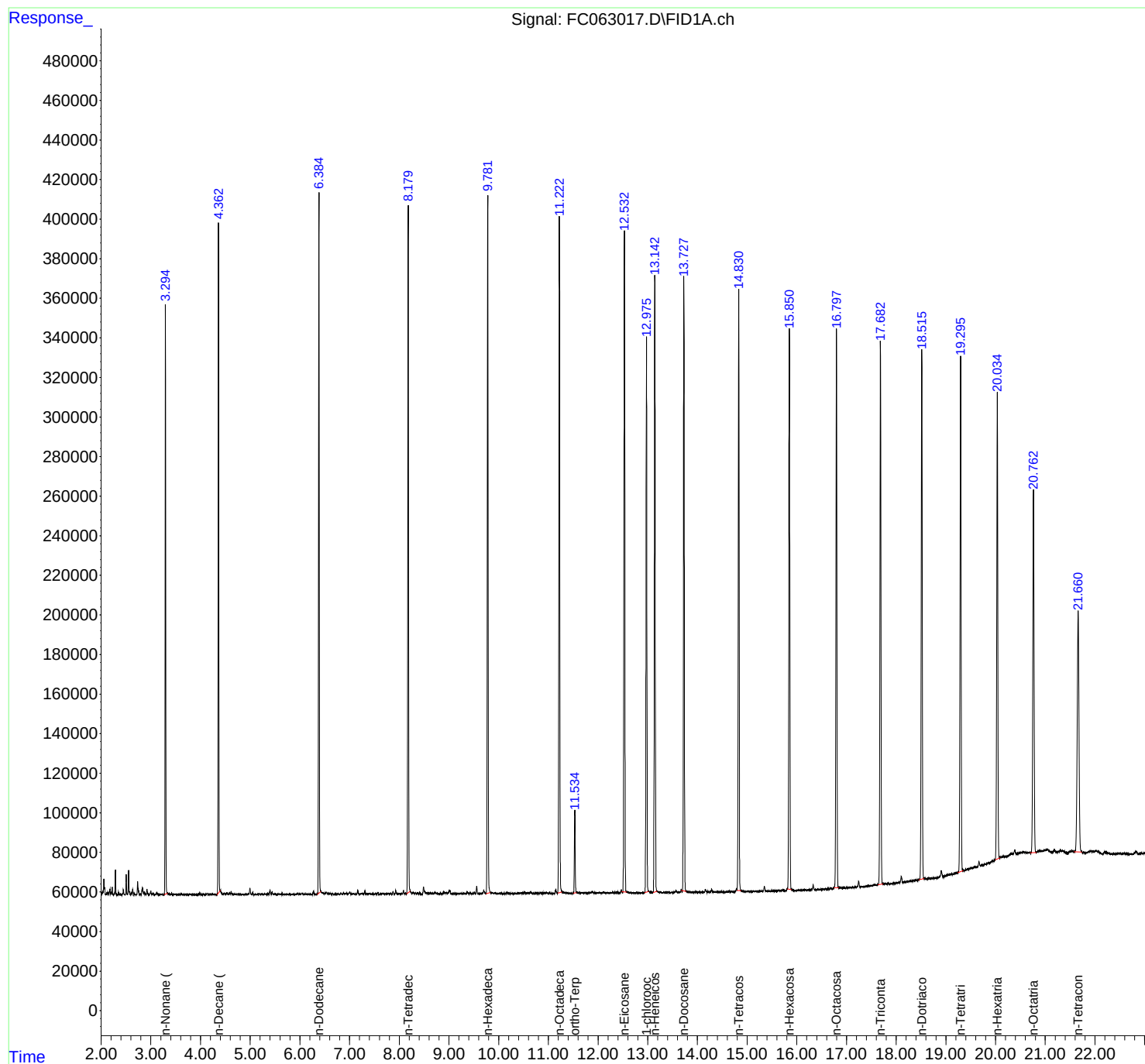
(m)=manual int.

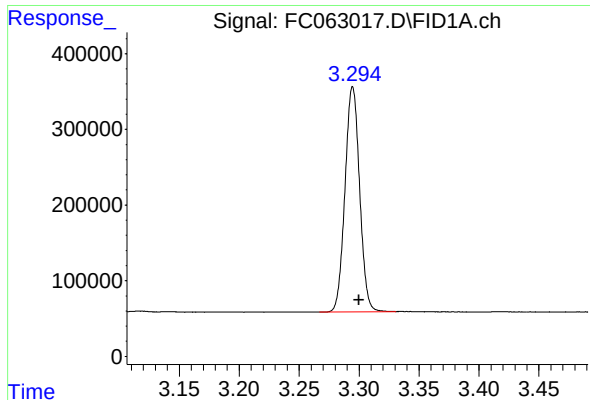
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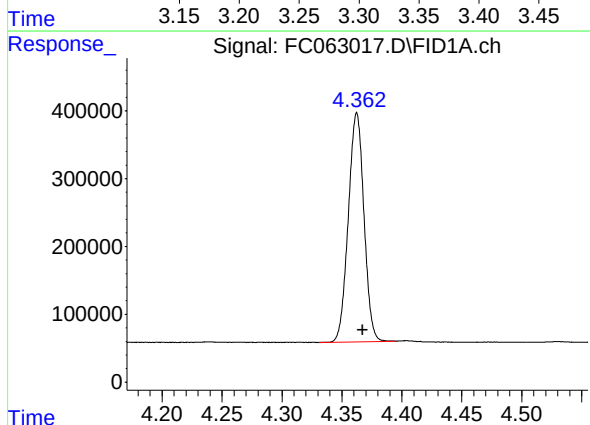




#1 n-Nonane (C9)

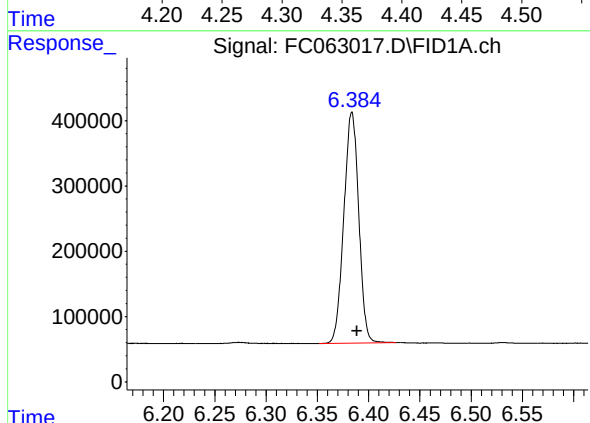
R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2525325
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :



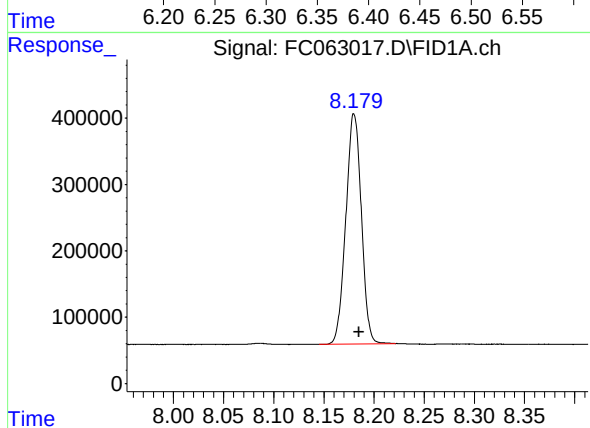
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 3065883
Conc: 26.59 ug/ml



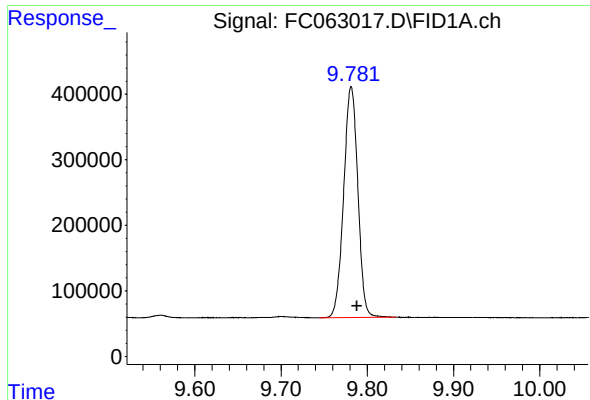
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 3577934
Conc: 30.98 ug/ml



#6 n-Tetradecane (C14)

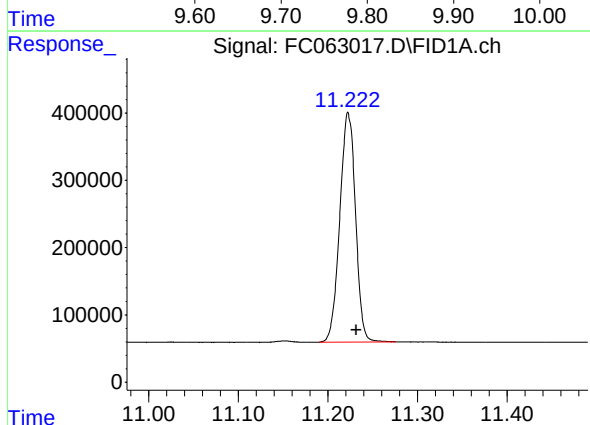
R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3742505
Conc: 33.11 ug/ml



#7 n-Hexadecane (C16)

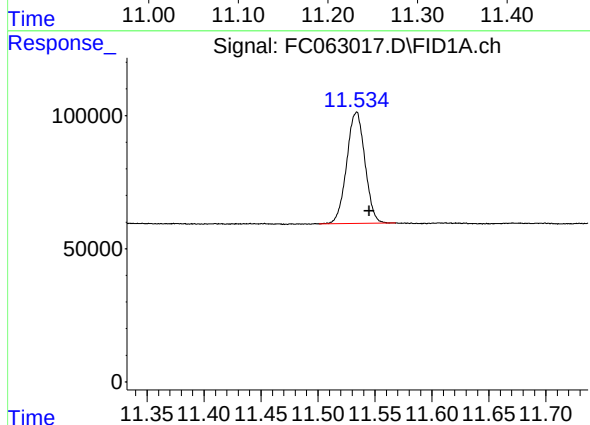
R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 4025068
Conc: 34.99 ug/ml

Instrument :
FID_C
ClientSampleId :



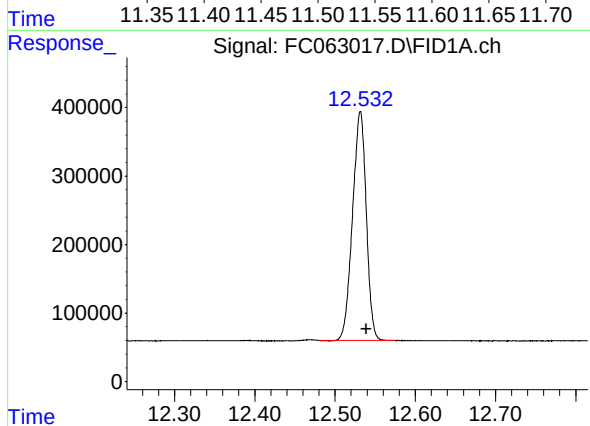
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.009 min
Response: 4157951
Conc: 35.70 ug/ml



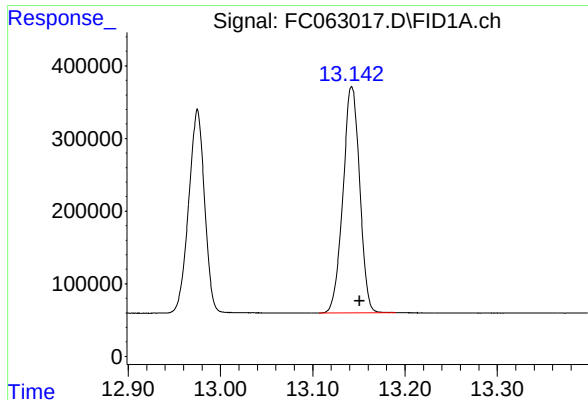
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 464942
Conc: 3.58 ug/ml



#10 n-Eicosane (C20)

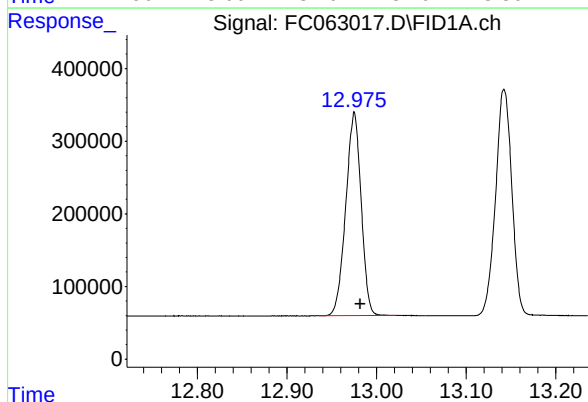
R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 3977301
Conc: 34.91 ug/ml



#11 n-Heneicosane (C21)

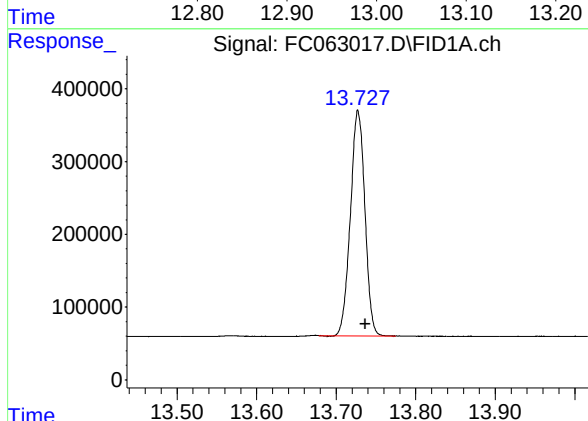
R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 3925715
Conc: 34.45 ug/ml

Instrument :
FID_C
ClientSampleId :



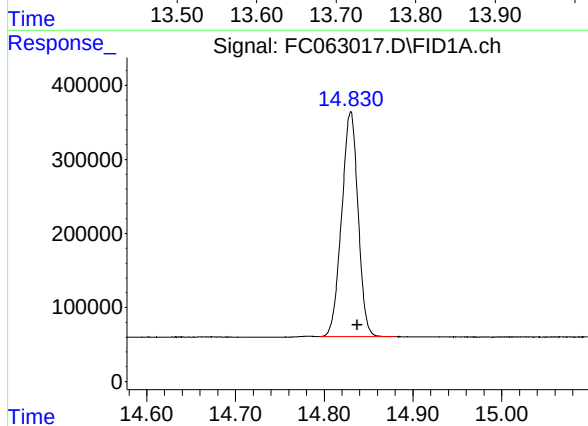
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 3340240
Conc: 34.24 ug/ml



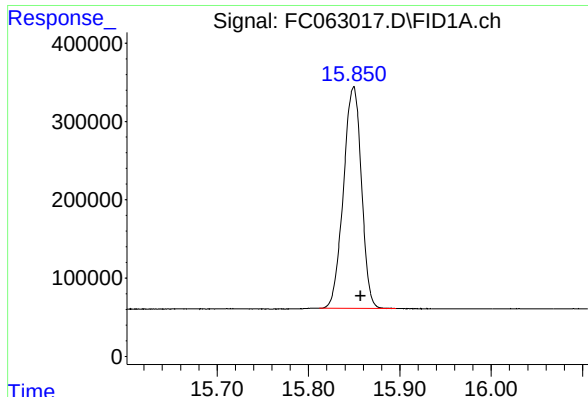
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 3920352
Conc: 34.76 ug/ml



#14 n-Tetracosane (C24)

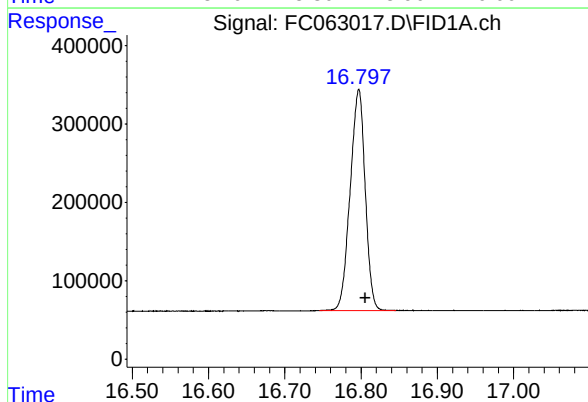
R.T.: 14.830 min
Delta R.T.: -0.008 min
Response: 3908151
Conc: 34.87 ug/ml



#15 n-Hexacosane (C26)

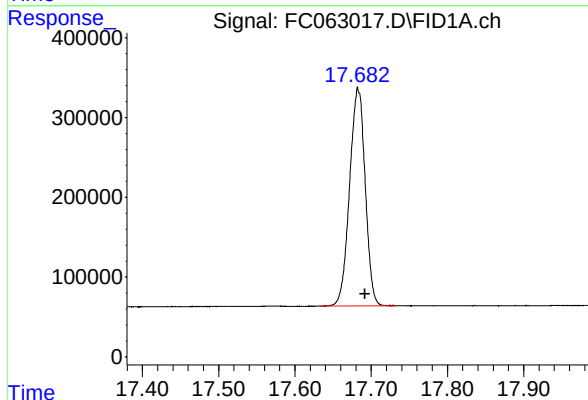
R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 3880297
Conc: 35.09 ug/ml

Instrument :
FID_C
ClientSampleId :



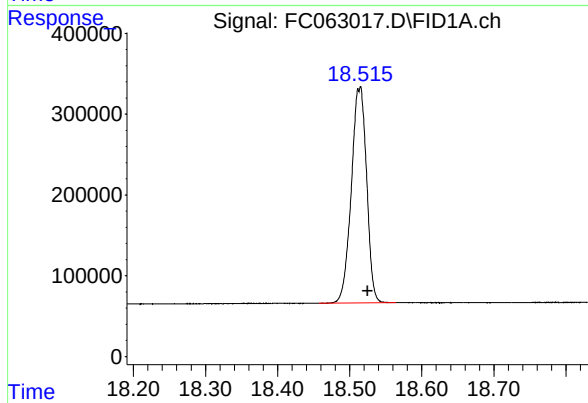
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 3858273
Conc: 35.07 ug/ml



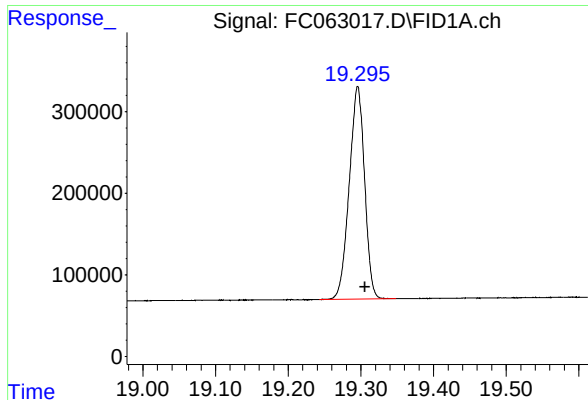
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 3879633
Conc: 35.23 ug/ml



#18 n-Dotriacontane (C32)

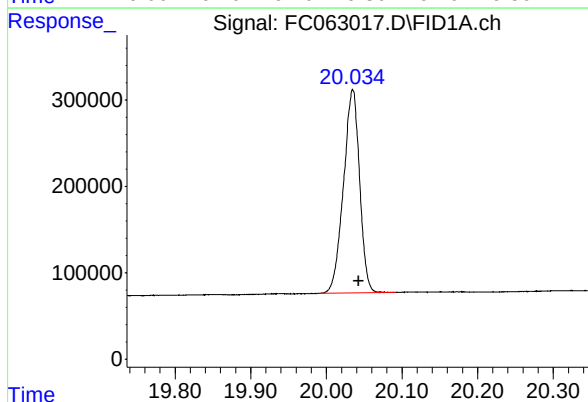
R.T.: 18.514 min
Delta R.T.: -0.011 min
Response: 3936646
Conc: 35.27 ug/ml



#19 n-Tetratriacontane (C34)

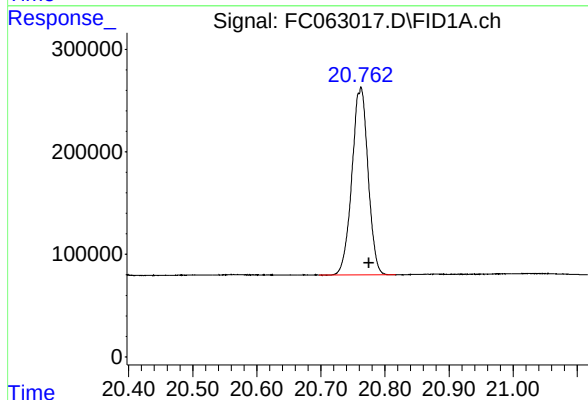
R.T.: 19.296 min
Delta R.T.: -0.010 min
Response: 3823053
Conc: 34.21 ug/ml

Instrument :
FID_C
ClientSampleId :



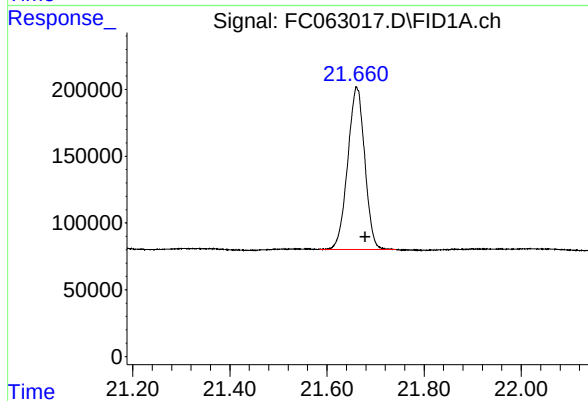
#20 n-Hexatriacontane (C36)

R.T.: 20.035 min
Delta R.T.: -0.008 min
Response: 3489359
Conc: 32.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.013 min
Response: 3194296
Conc: 29.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.661 min
Delta R.T.: -0.018 min
Response: 2958502
Conc: 27.19 ug/ml