

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064675.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 22:09
 Operator : YP/AJ
 Sample : 04536-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-4MS

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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			
12) S 1-chlorooctadecane (S...	12.950	5279675	36.247 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
Target Compounds			
1) T n-Nonane (C9)	3.321	5493682	31.087 ug/ml
4) T n-Dodecane (C12)	6.390	7506278	41.325 ug/ml
6) T n-Tetradecane (C14)	8.177	7894699	44.493 ug/ml
7) T n-Hexadecane (C16)	9.771	8698253	48.389 ug/ml
8) T n-Octadecane (C18)	11.206	9237784	51.022 ug/ml
10) T n-Eicosane (C20)	12.512	9328047	54.761 ug/ml
11) T n-Heneicosane (C21)	13.120	8936744	53.957 ug/ml
13) T n-Docosane (C22)	13.704	8804239	54.044 ug/ml
14) T n-Tetracosane (C24)	14.800	8561040	53.925 ug/ml
15) T n-Hexacosane (C26)	15.816	8172255	53.537 ug/ml
16) T n-Octacosane (C28)	16.762	7889836	53.311 ug/ml
17) T n-Tricontane (C30)	17.645	7637230	51.410 ug/ml
18) T n-Dotriacontane (C32)	18.473	7284882	49.917 ug/ml
19) T n-Tetratriacontane (C34)	19.253	7036468	49.494 ug/ml
20) T n-Hexatriacontane (C36)	19.988	6687400	48.553 ug/ml
21) T n-Octatriacontane (C38)	20.710	6630341	48.379 ug/ml
22) T n-Tetracontane (C40)	21.587	6438407	47.332 ug/ml

(f)=RT Delta > 1/2 Window

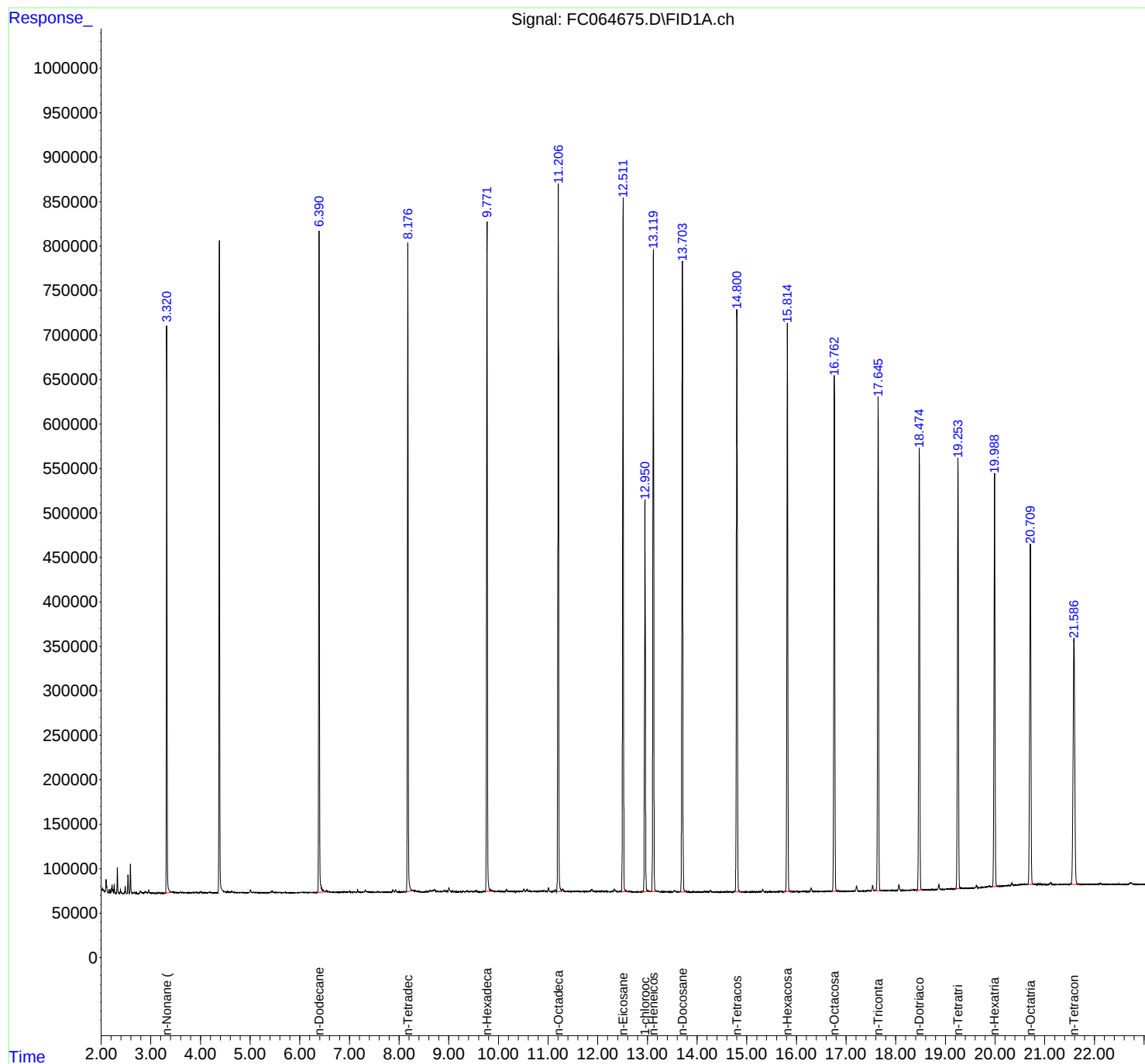
(m)=manual int.

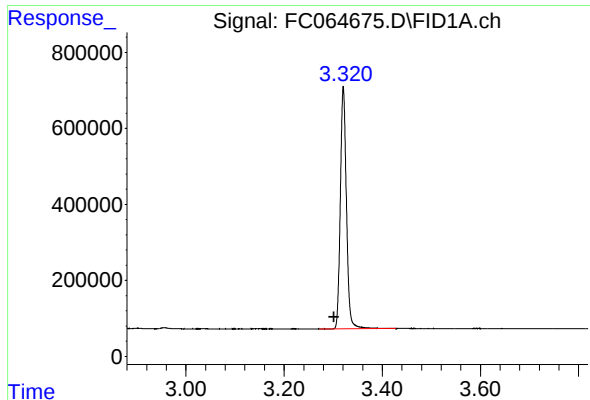
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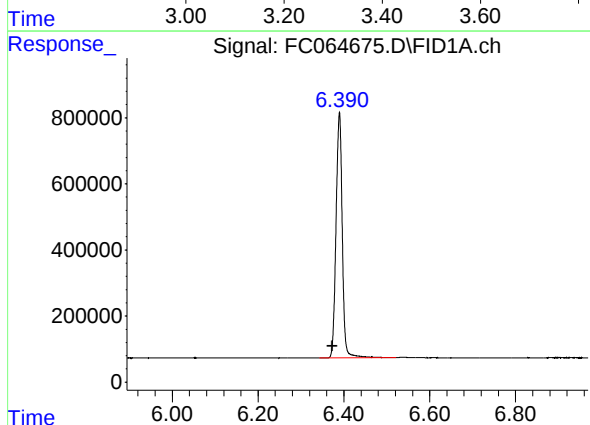




#1 n-Nonane (C9)

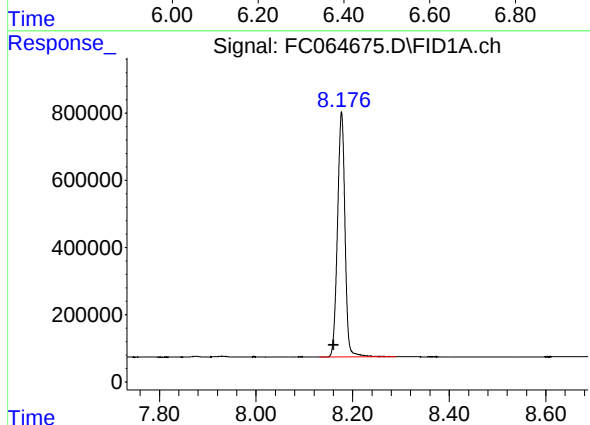
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 5493682
Conc: 31.09 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MS



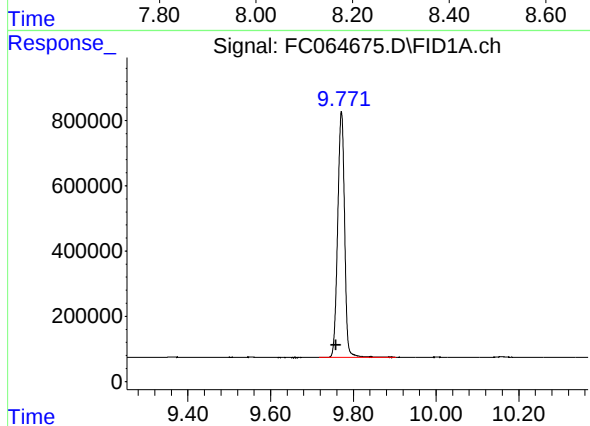
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.017 min
Response: 7506278
Conc: 41.33 ug/ml



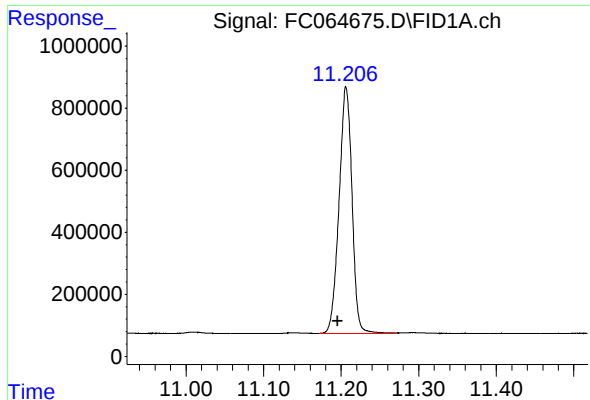
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 7894699
Conc: 44.49 ug/ml



#7 n-Hexadecane (C16)

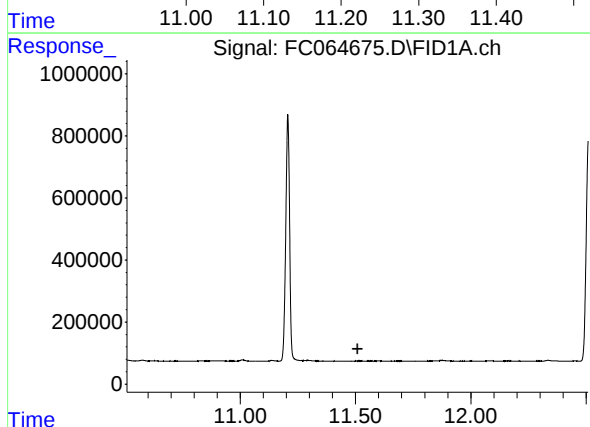
R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 8698253
Conc: 48.39 ug/ml



#8 n-Octadecane (C18)

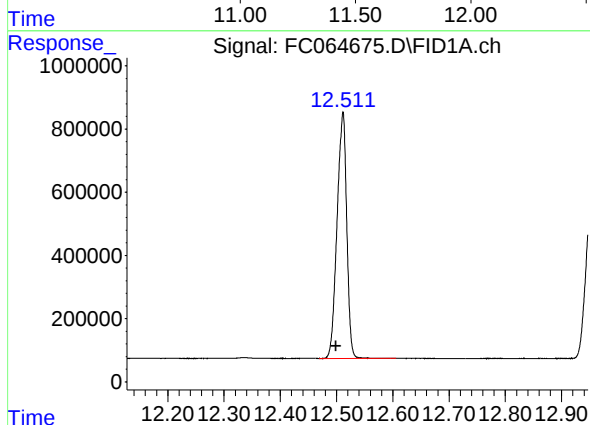
R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 9237784
Conc: 51.02 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MS



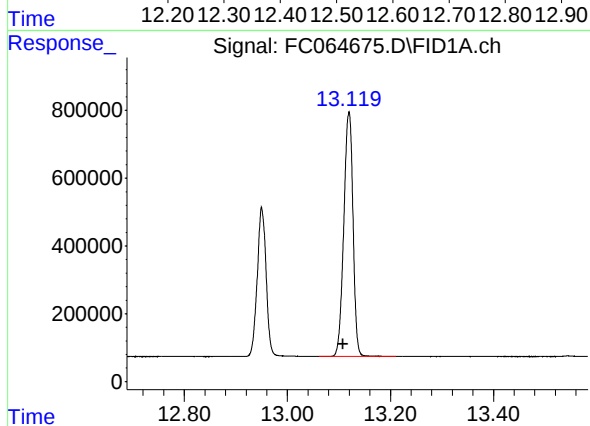
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



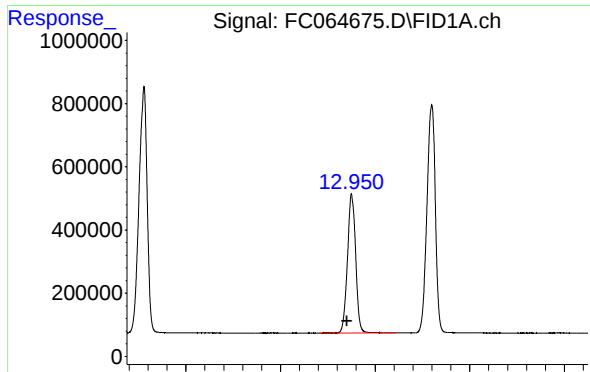
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.012 min
Response: 9328047
Conc: 54.76 ug/ml



#11 n-Heneicosane (C21)

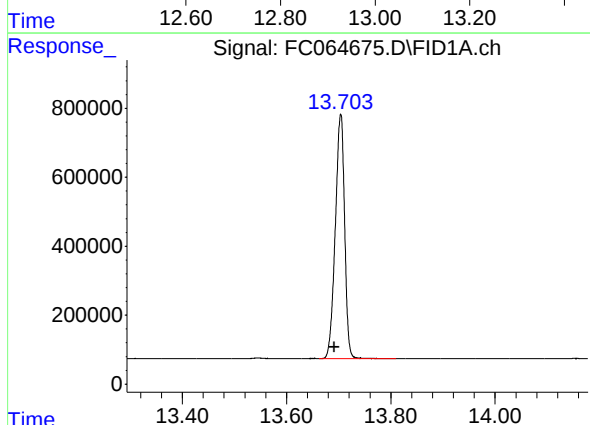
R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 8936744
Conc: 53.96 ug/ml



#12 1-chlorooctadecane (SURR)

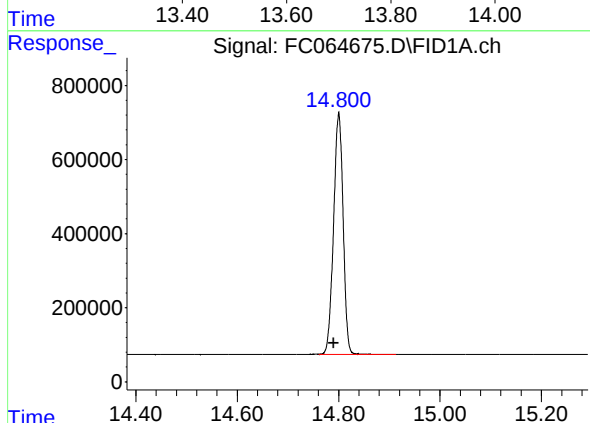
R.T.: 12.950 min
Delta R.T.: 0.010 min
Response: 5279675
Conc: 36.25 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MS



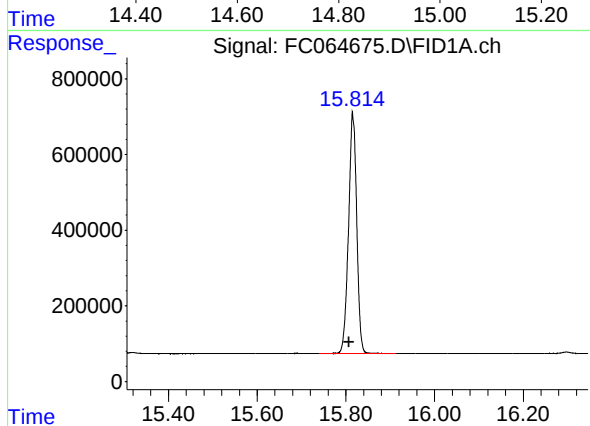
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 8804239
Conc: 54.04 ug/ml



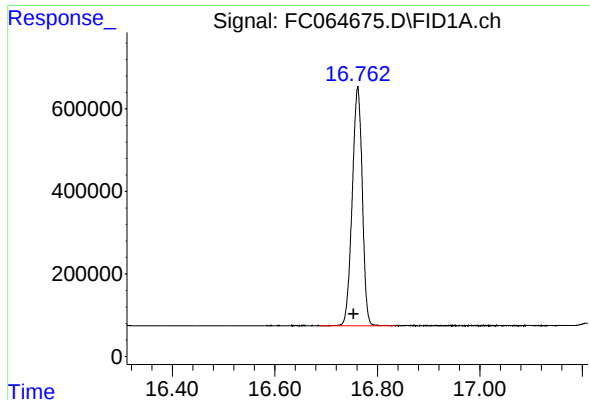
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 8561040
Conc: 53.92 ug/ml



#15 n-Hexacosane (C26)

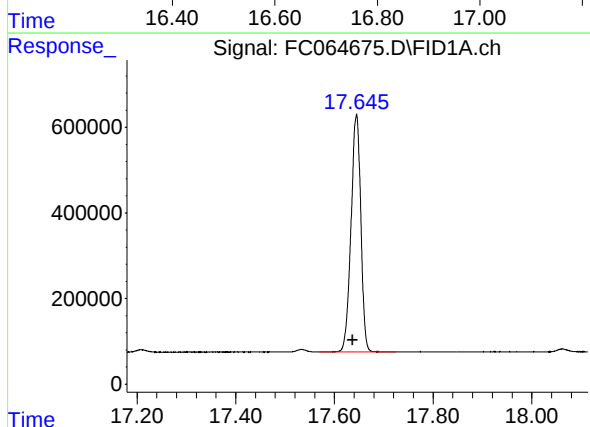
R.T.: 15.816 min
Delta R.T.: 0.009 min
Response: 8172255
Conc: 53.54 ug/ml



#16 n-Octacosane (C28)

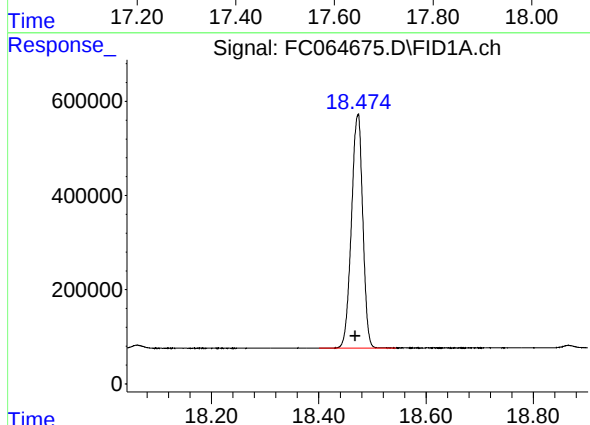
R.T.: 16.762 min
Delta R.T.: 0.008 min
Response: 7889836
Conc: 53.31 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MS



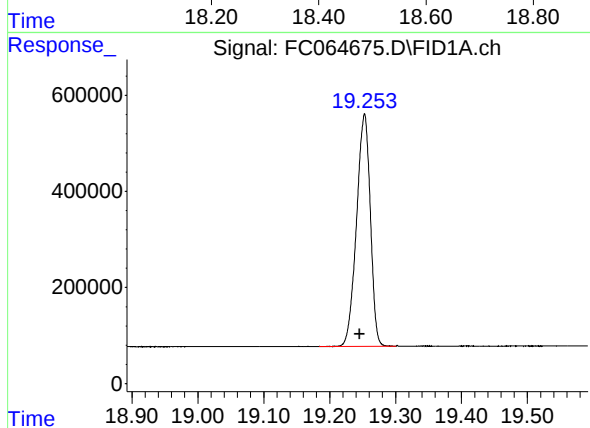
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.007 min
Response: 7637230
Conc: 51.41 ug/ml



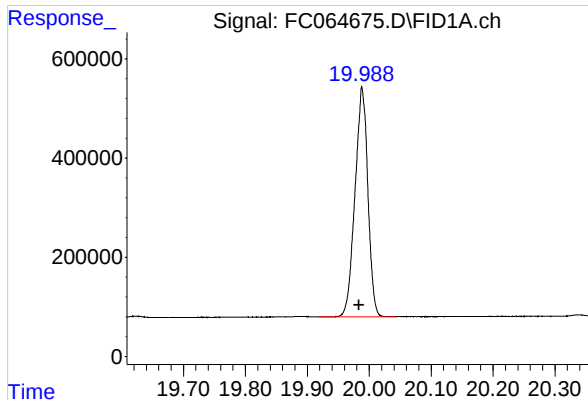
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 7284882
Conc: 49.92 ug/ml



#19 n-Tetratriacontane (C34)

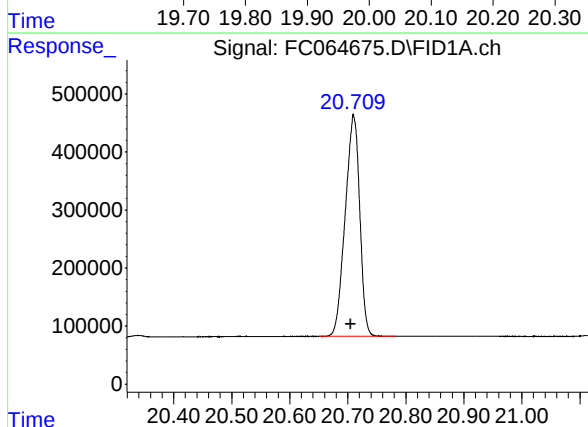
R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 7036468
Conc: 49.49 ug/ml



#20 n-Hexatriacontane (C36)

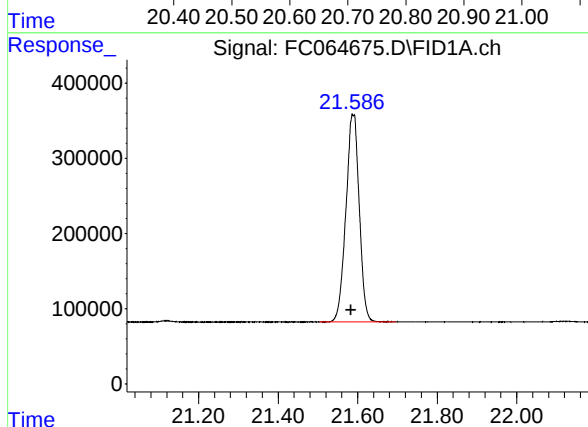
R.T.: 19.988 min
Delta R.T.: 0.005 min
Response: 6687400
Conc: 48.55 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MS



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 6630341
Conc: 48.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.004 min
Response: 6438407
Conc: 47.33 ug/ml