

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045770.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 08:41
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 29 01:30:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:30:00 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)	11.427	1012490	5.360 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
12) S 1-chlorooctadecane (S...	12.860	737662	5.306 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T n-Nonane (C9)	3.252	809331	5.366 ug/ml
2) T n-Decane (C10)	4.308	828090	5.378 ug/ml
3) T A~Naphthalene (C11.7)	5.873	911916	5.353 ug/ml
4) T n-Dodecane (C12)	6.312	832867	5.360 ug/ml
5) T A~2-methylnaphthalene...	6.922	882616	5.336 ug/ml
6) T n-Tetradecane (C14)	8.097	836843	5.378 ug/ml
7) T n-Hexadecane (C16)	9.688	870936	5.372 ug/ml
8) T n-Octadecane (C18)	11.120	880842	5.330 ug/ml
10) T n-Eicosane (C20)	12.421	852722	5.335 ug/ml
11) T n-Heneicosane (C21)	13.029	845764	5.358 ug/ml
13) T n-Docosane (C22)	13.611	842005	5.367 ug/ml
14) T n-Tetracosane (C24)	14.705	837006	5.389 ug/ml
15) T n-Hexacosane (C26)	15.719	787773	5.319 ug/ml
16) T n-Octacosane (C28)	16.661	736422	5.284 ug/ml
17) T n-Tricontane (C30)	17.542	703326	5.258 ug/ml
18) T n-Dotriacontane (C32)	18.369	661682	5.282 ug/ml
19) T n-Tetratriacontane (C34)	19.145	635955	5.324 ug/ml
20) T n-Hexatriacontane (C36)	19.878	611233	5.326 ug/ml
21) T n-Octatriacontane (C38)	20.580	607613	5.314 ug/ml
22) T n-Tetracontane (C40)	21.410	569186	5.173 ug/ml

(f)=RT Delta > 1/2 Window

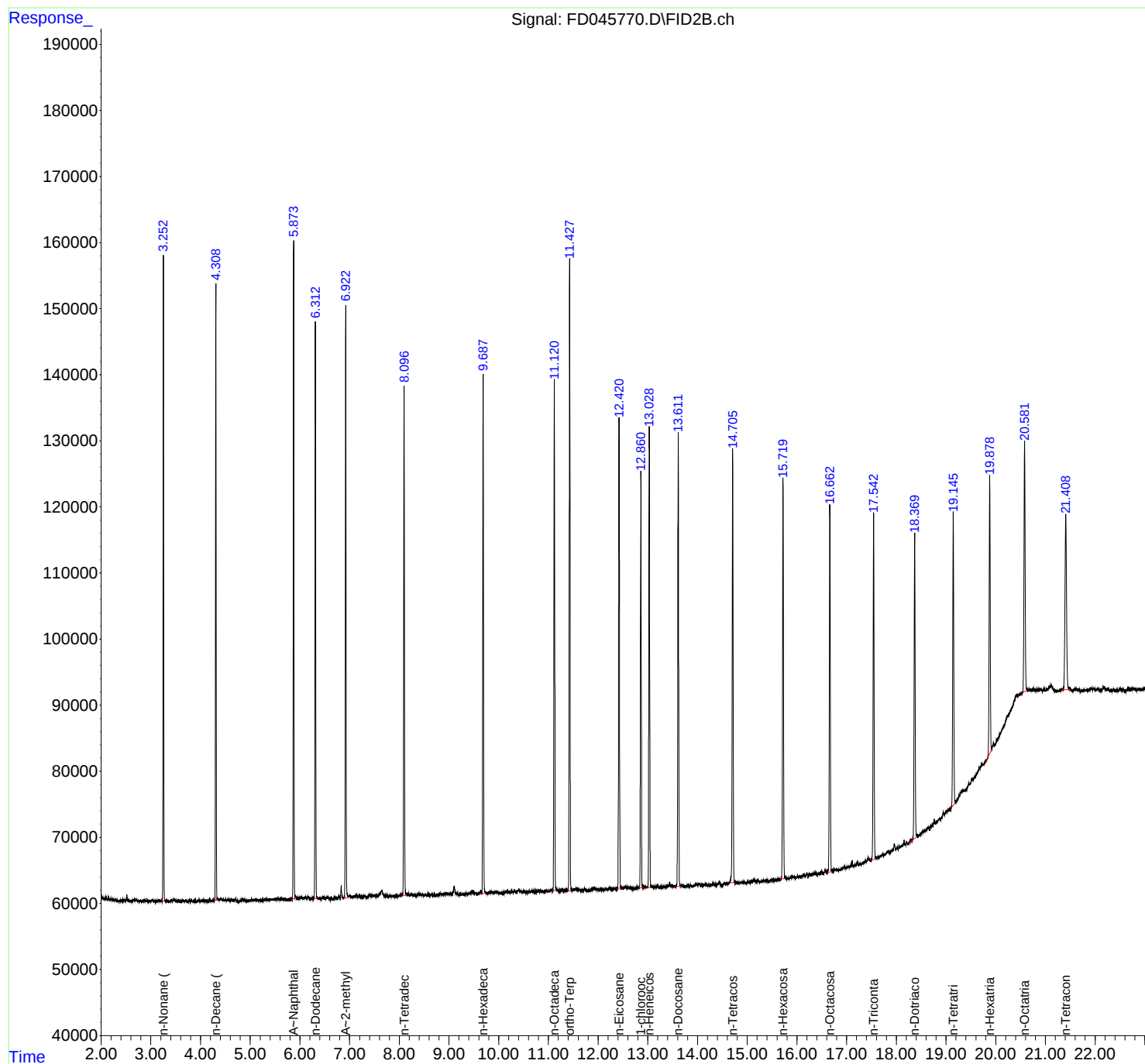
(m)=manual int.

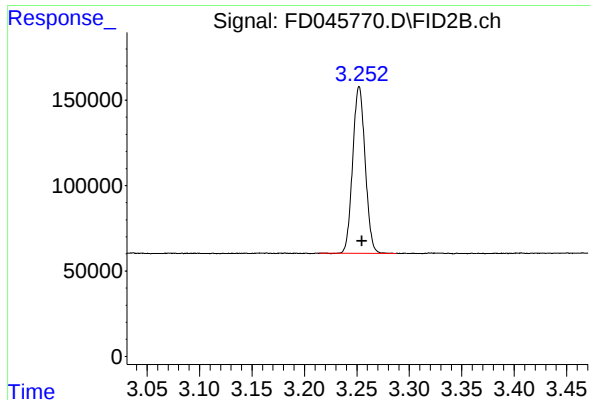
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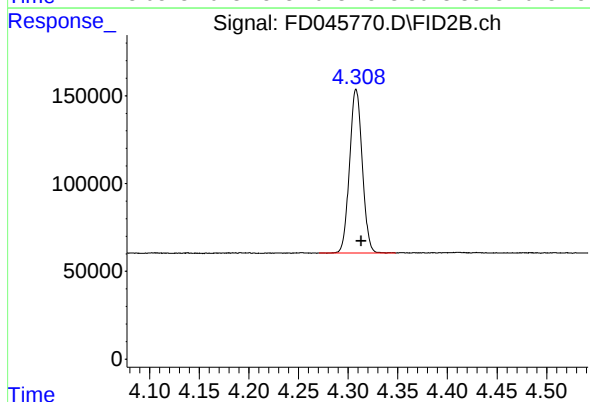




#1 n-Nonane (C9)

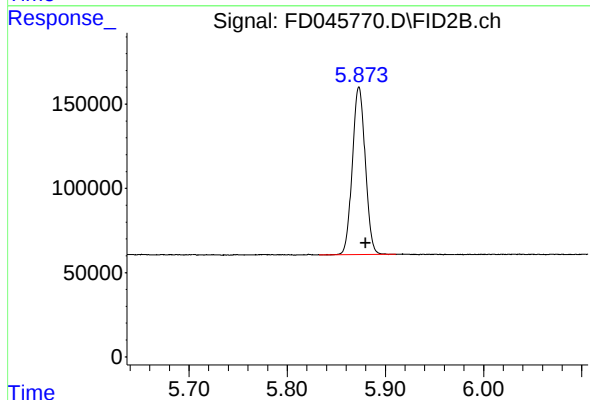
R.T.: 3.252 min
Delta R.T.: -0.003 min
Response: 809331
Conc: 5.37 ug/ml

Instrument :
FID_D
ClientSampleId :



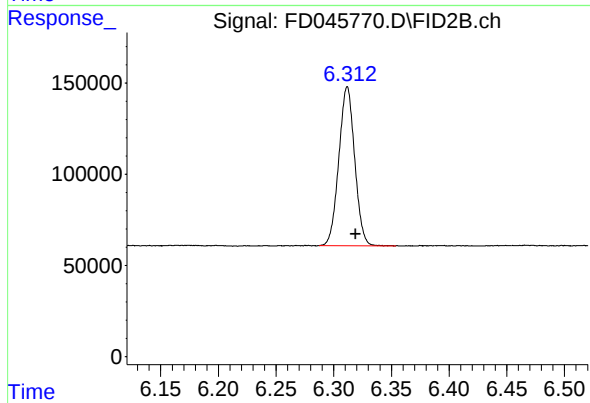
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.005 min
Response: 828090
Conc: 5.38 ug/ml



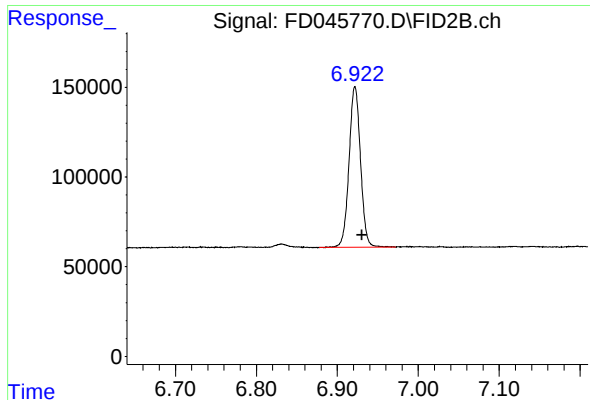
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 911916
Conc: 5.35 ug/ml



#4 n-Dodecane (C12)

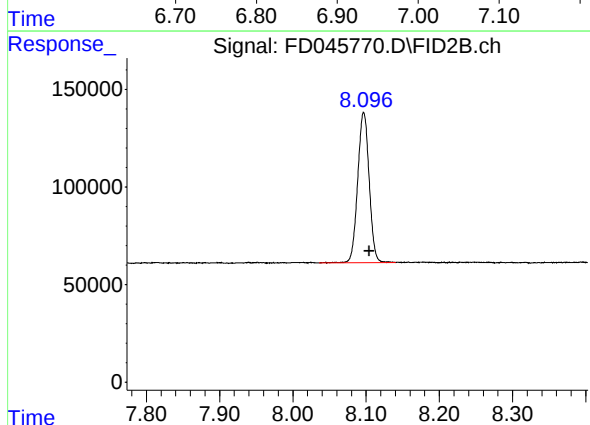
R.T.: 6.312 min
Delta R.T.: -0.007 min
Response: 832867
Conc: 5.36 ug/ml



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

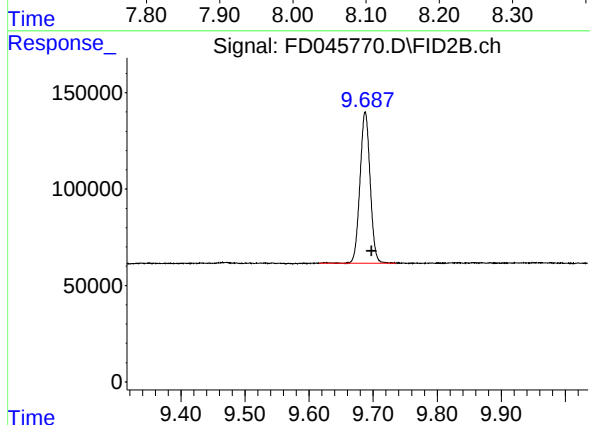
R.T.: 6.922 min
Delta R.T.: -0.009 min
Response: 882616
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :



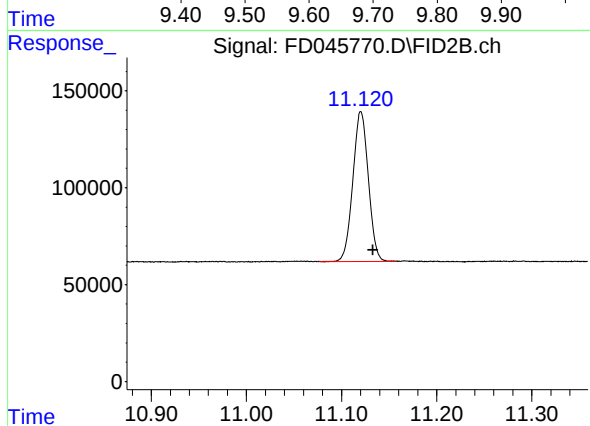
#6 n-Tetradecane (C14)

R.T.: 8.097 min
Delta R.T.: -0.008 min
Response: 836843
Conc: 5.38 ug/ml



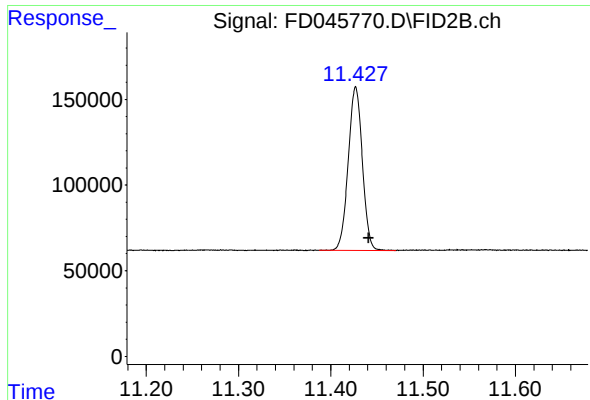
#7 n-Hexadecane (C16)

R.T.: 9.688 min
Delta R.T.: -0.010 min
Response: 870936
Conc: 5.37 ug/ml



#8 n-Octadecane (C18)

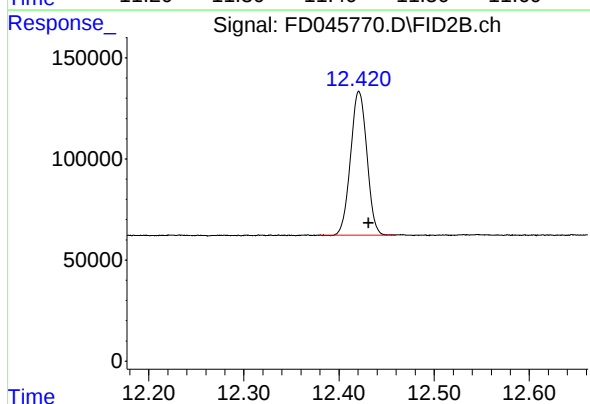
R.T.: 11.120 min
Delta R.T.: -0.012 min
Response: 880842
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

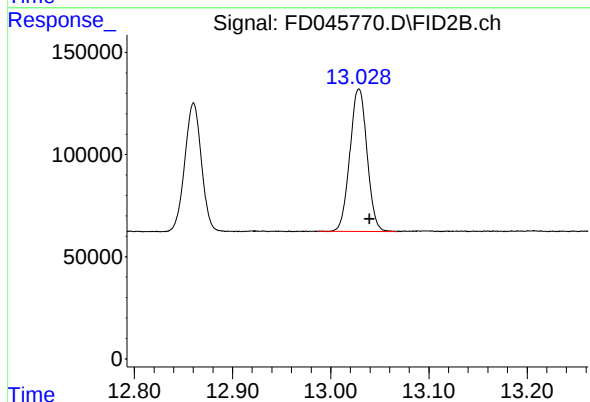
R.T.: 11.427 min
Delta R.T.: -0.014 min
Response: 1012490
Conc: 5.36 ug/ml

Instrument :
FID_D
ClientSampleId :



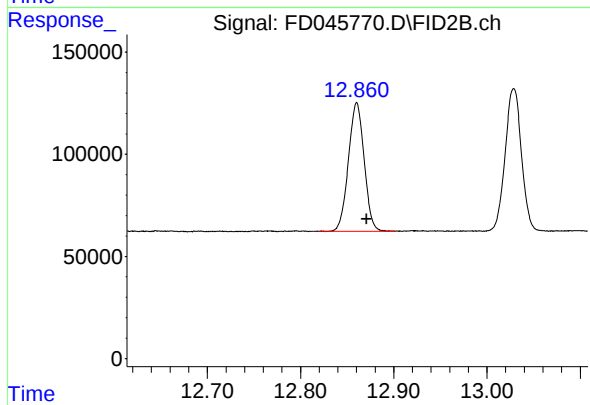
#10 n-Eicosane (C20)

R.T.: 12.421 min
Delta R.T.: -0.010 min
Response: 852722
Conc: 5.33 ug/ml



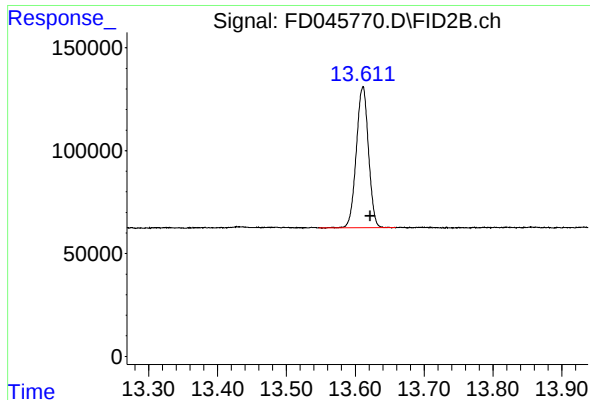
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.011 min
Response: 845764
Conc: 5.36 ug/ml



#12 1-chlorooctadecane (SURR)

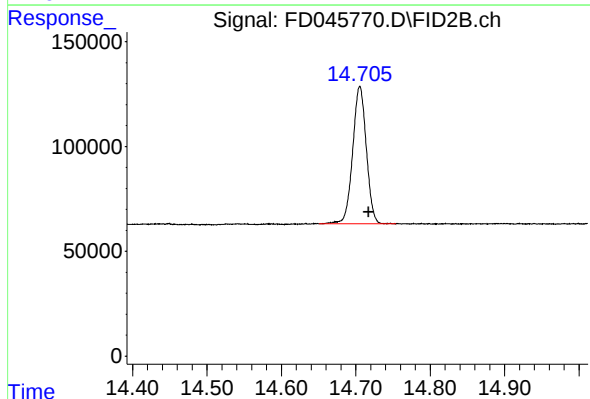
R.T.: 12.860 min
Delta R.T.: -0.011 min
Response: 737662
Conc: 5.31 ug/ml



#13 n-Docosane (C22)

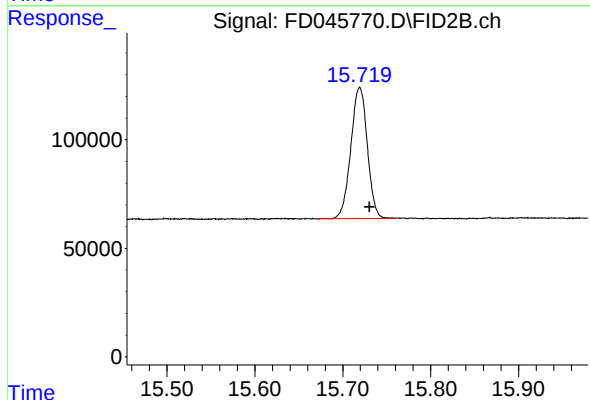
R.T.: 13.611 min
Delta R.T.: -0.011 min
Response: 842005
Conc: 5.37 ug/ml

Instrument :
FID_D
ClientSampleId :



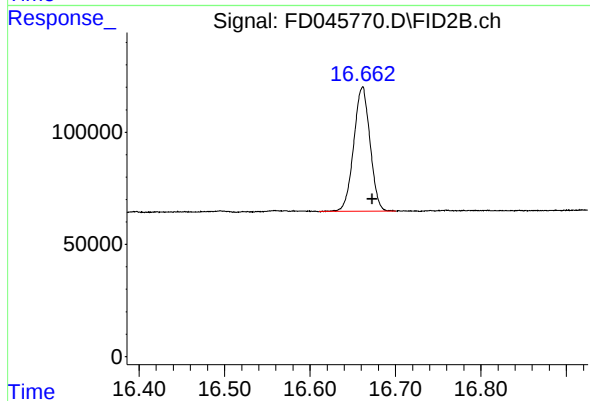
#14 n-Tetracosane (C24)

R.T.: 14.705 min
Delta R.T.: -0.012 min
Response: 837006
Conc: 5.39 ug/ml



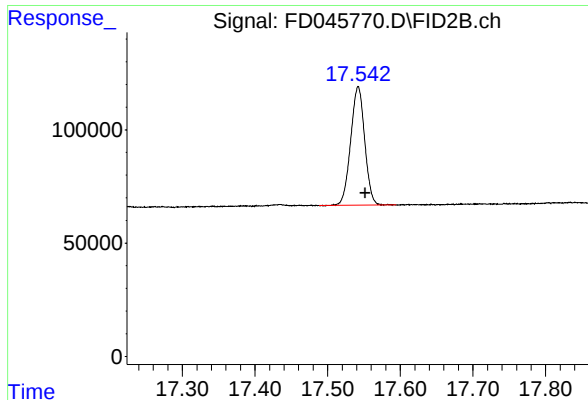
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: -0.011 min
Response: 787773
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

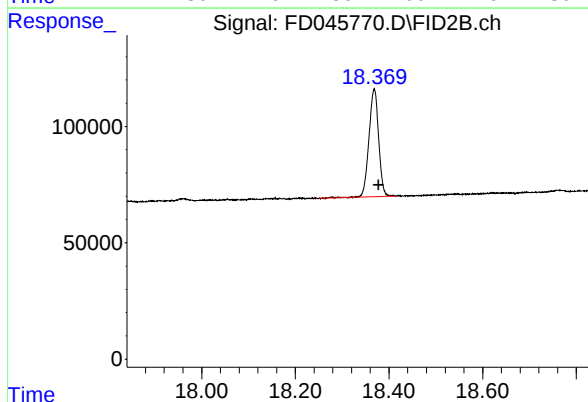
R.T.: 16.661 min
Delta R.T.: -0.011 min
Response: 736422
Conc: 5.28 ug/ml



#17 n-Tricontane (C30)

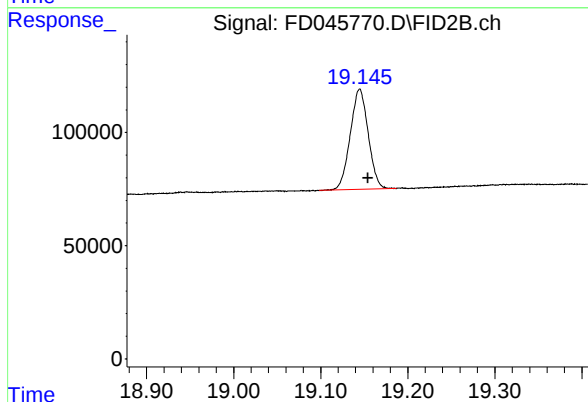
R.T.: 17.542 min
Delta R.T.: -0.010 min
Response: 703326
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :



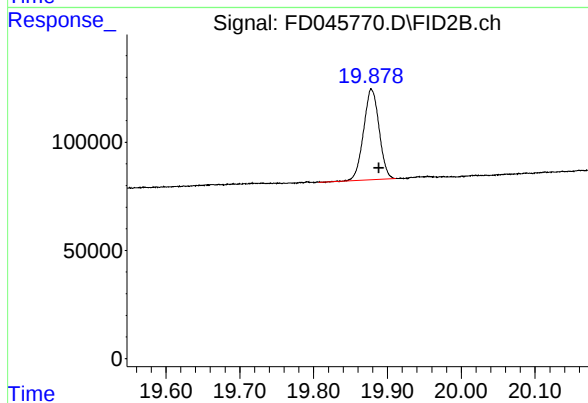
#18 n-Dotriacontane (C32)

R.T.: 18.369 min
Delta R.T.: -0.009 min
Response: 661682
Conc: 5.28 ug/ml



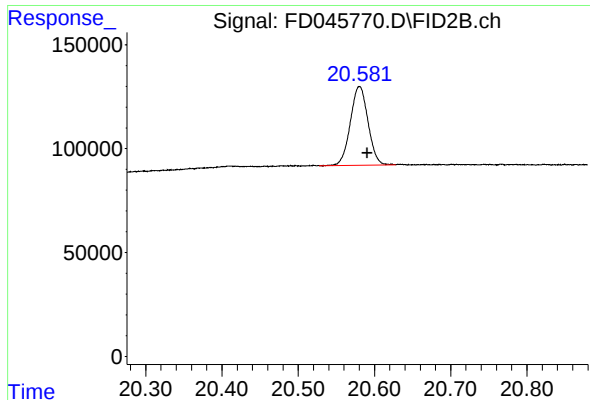
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.010 min
Response: 635955
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

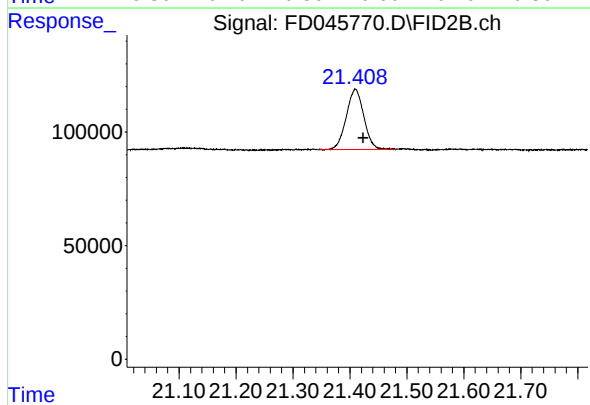
R.T.: 19.878 min
Delta R.T.: -0.010 min
Response: 611233
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.580 min
Delta R.T.: -0.010 min
Response: 607613
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: -0.014 min
Response: 569186
Conc: 5.17 ug/ml