

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092123AL\
 Data File : FC064635.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2023 18:15
 Operator : YP/AJ
 Sample : PB155725BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155725BSD

Integration File: autoint1.e
 Quant Time: Sep 22 00:38:22 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...	12.946	5823154	39.979 ug/ml
Spiked Amount 50.000		Recovery =	79.96%
Target Compounds			
1) T n-Nonane (C9)	3.314	4199443	23.764 ug/ml
2) T n-Decane (C10)	4.373	5379237	29.943 ug/ml
4) T n-Dodecane (C12)	6.383	6590623	36.284 ug/ml
6) T n-Tetradecane (C14)	8.170	6968863	39.275 ug/ml
7) T n-Hexadecane (C16)	9.766	7489067	41.662 ug/ml
8) T n-Octadecane (C18)	11.201	7937011	43.838 ug/ml
10) T n-Eicosane (C20)	12.505	8249113	48.427 ug/ml
11) T n-Heneicosane (C21)	13.114	7940824	47.944 ug/ml
13) T n-Docosane (C22)	13.699	7902797	48.510 ug/ml
14) T n-Tetracosane (C24)	14.797	7779159	49.000 ug/ml
15) T n-Hexacosane (C26)	15.812	7494214	49.095 ug/ml
16) T n-Octacosane (C28)	16.758	7311358	49.402 ug/ml
17) T n-Tricontane (C30)	17.642	7134993	48.029 ug/ml
18) T n-Dotriacontane (C32)	18.470	6826672	46.777 ug/ml
19) T n-Tetratriacontane (C34)	19.250	6552527	46.090 ug/ml
20) T n-Hexatriacontane (C36)	19.986	6205009	45.051 ug/ml
21) T n-Octatriacontane (C38)	20.705	6145525	44.842 ug/ml
22) T n-Tetracontane (C40)	21.586	5999968	44.109 ug/ml

(f)=RT Delta > 1/2 Window

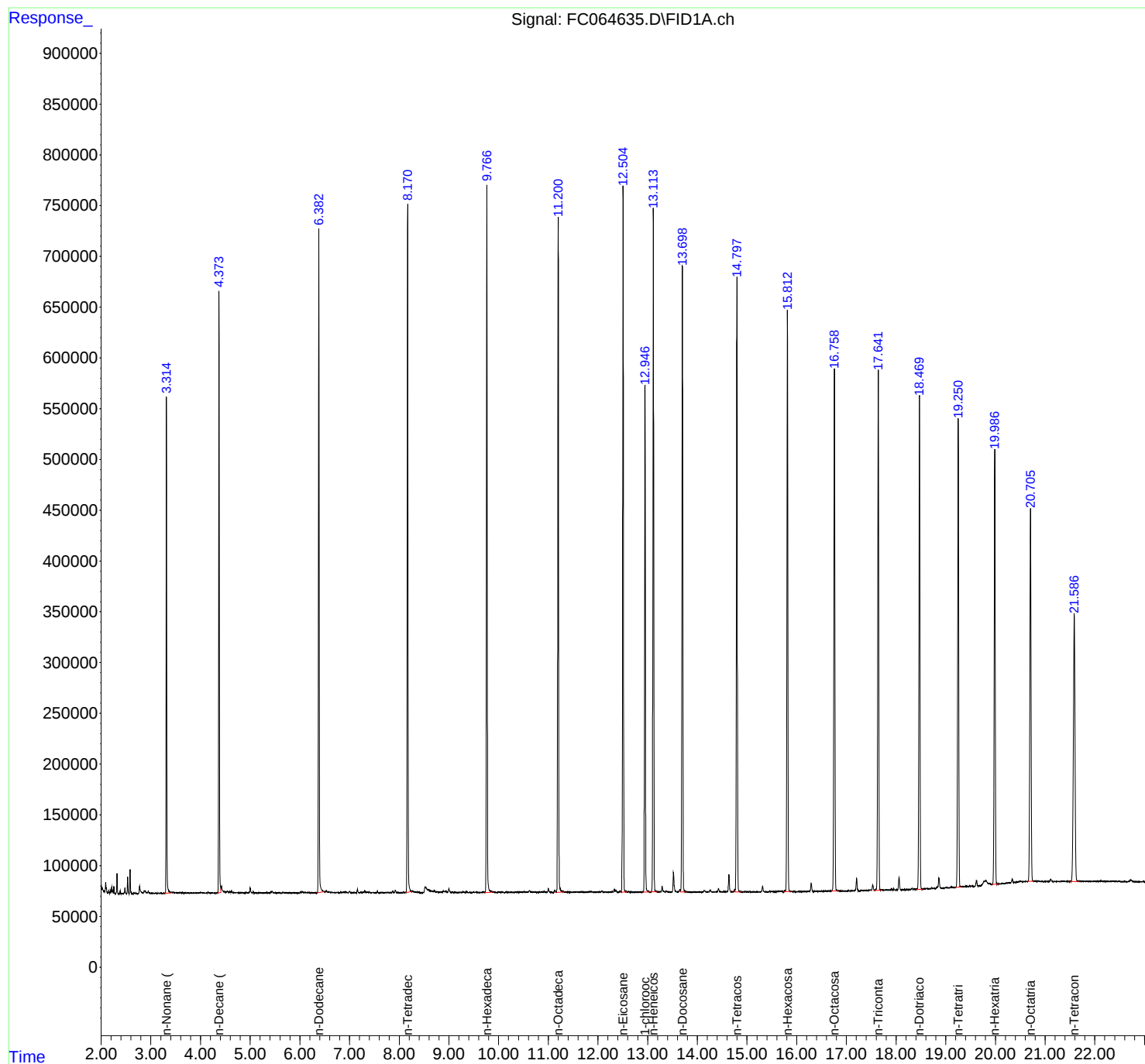
(m)=manual int.

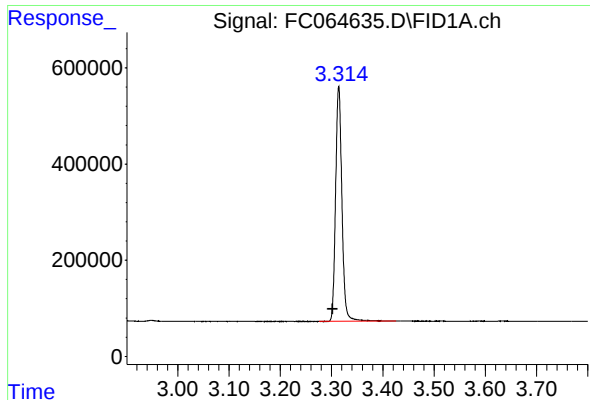
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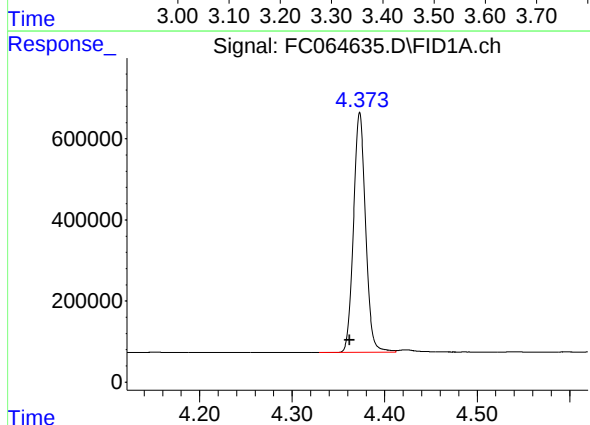




#1 n-Nonane (C9)

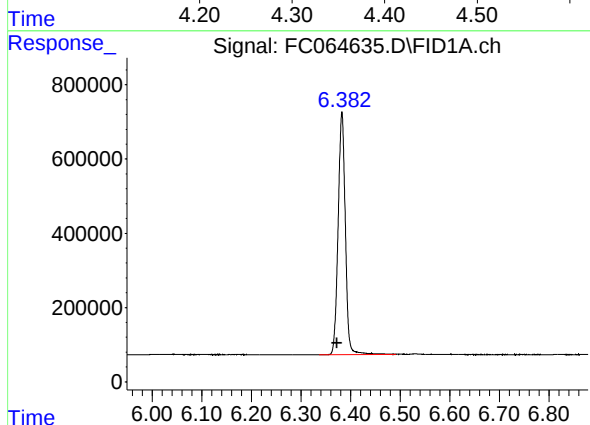
R.T.: 3.314 min
Delta R.T.: 0.012 min
Response: 4199443
Conc: 23.76 ug/ml

Instrument :
FID_C
ClientSampleId :
PB155725BSD



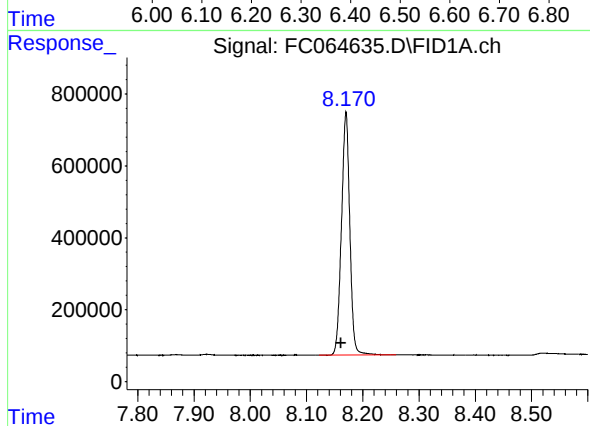
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.011 min
Response: 5379237
Conc: 29.94 ug/ml



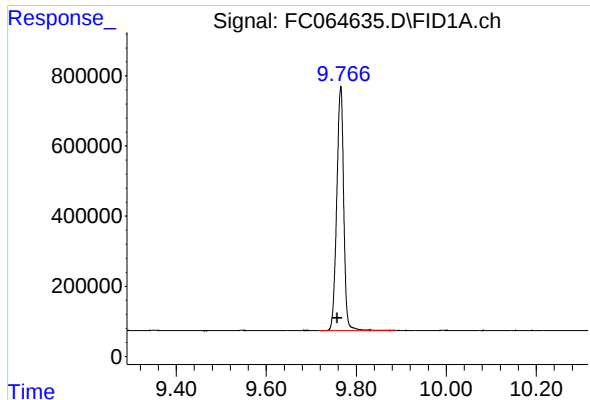
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.010 min
Response: 6590623
Conc: 36.28 ug/ml



#6 n-Tetradecane (C14)

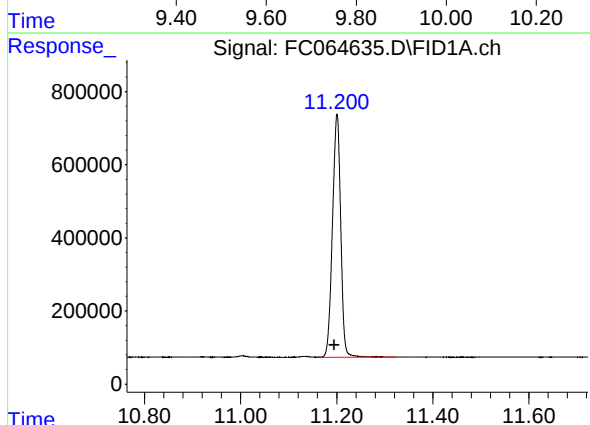
R.T.: 8.170 min
Delta R.T.: 0.009 min
Response: 6968863
Conc: 39.27 ug/ml



#7 n-Hexadecane (C16)

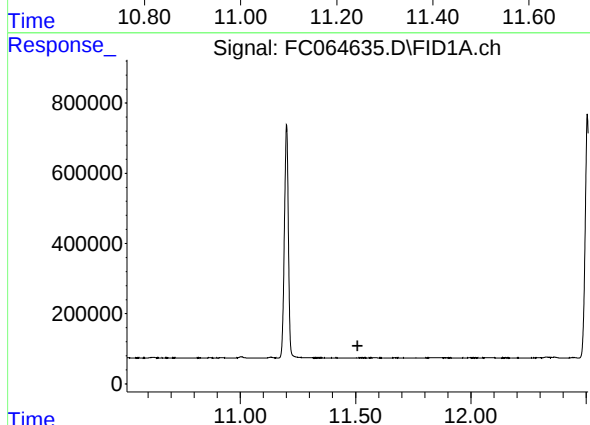
R.T.: 9.766 min
Delta R.T.: 0.007 min
Response: 7489067
Conc: 41.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB155725BSD



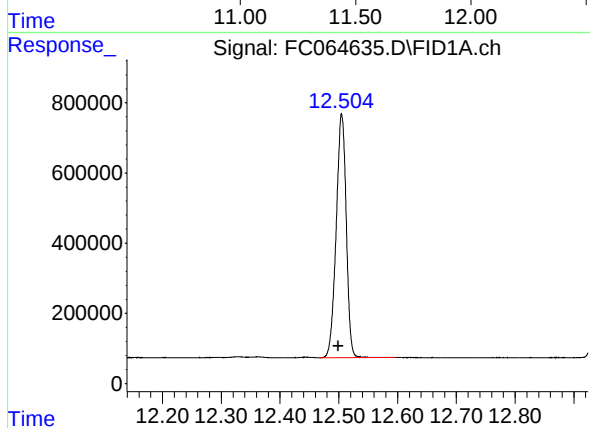
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: 0.005 min
Response: 7937011
Conc: 43.84 ug/ml



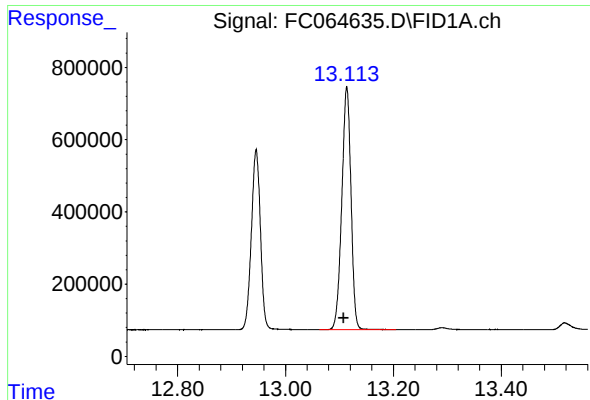
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

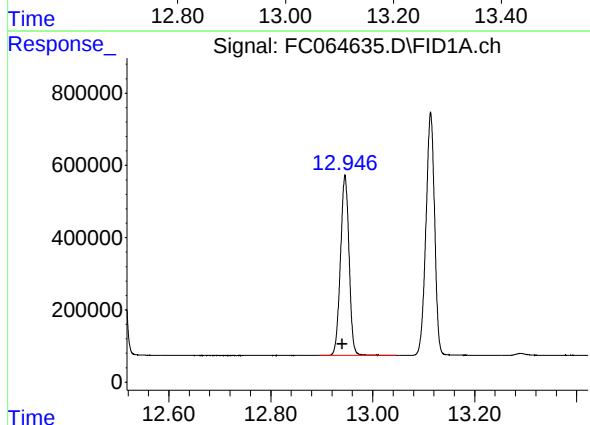
R.T.: 12.505 min
Delta R.T.: 0.006 min
Response: 8249113
Conc: 48.43 ug/ml



#11 n-Heneicosane (C21)

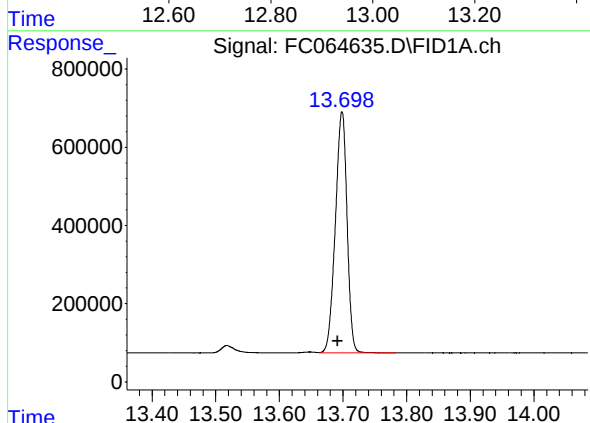
R.T.: 13.114 min
Delta R.T.: 0.006 min
Response: 7940824
Conc: 47.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB155725BSD



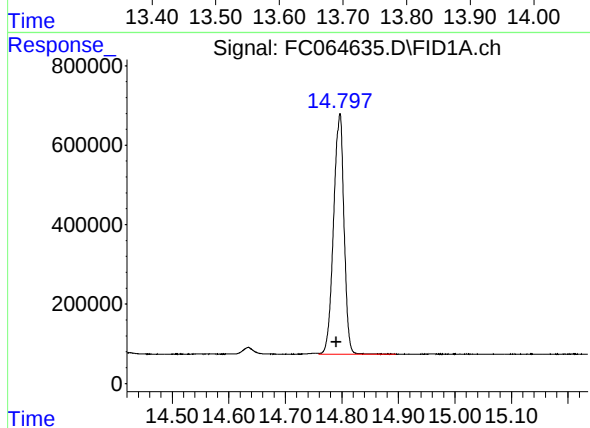
#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.005 min
Response: 5823154
Conc: 39.98 ug/ml



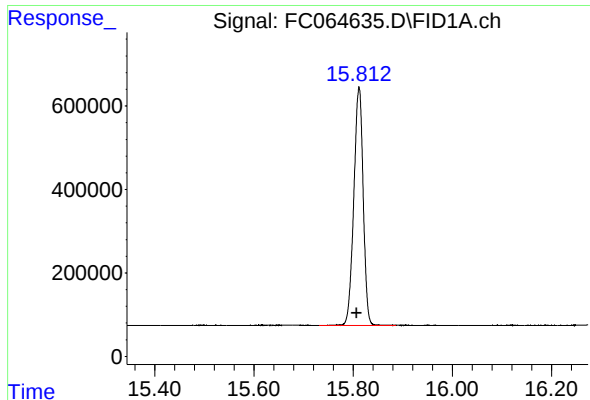
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.007 min
Response: 7902797
Conc: 48.51 ug/ml



#14 n-Tetracosane (C24)

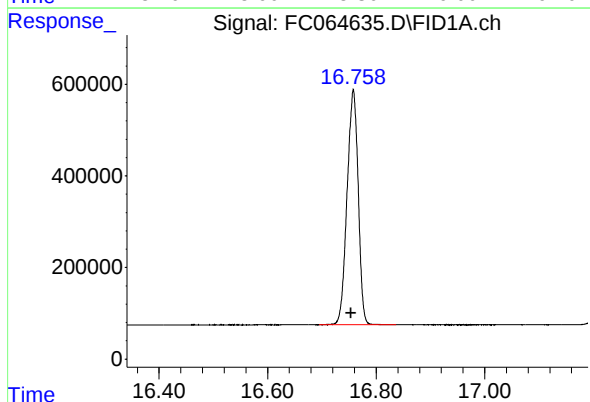
R.T.: 14.797 min
Delta R.T.: 0.006 min
Response: 7779159
Conc: 49.00 ug/ml



#15 n-Hexacosane (C26)

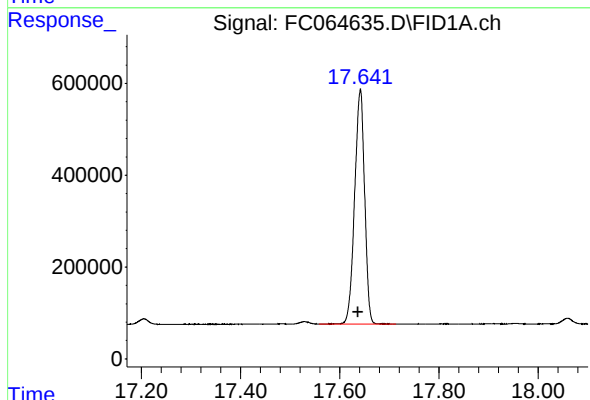
R.T.: 15.812 min
Delta R.T.: 0.005 min
Response: 7494214
Conc: 49.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB155725BSD



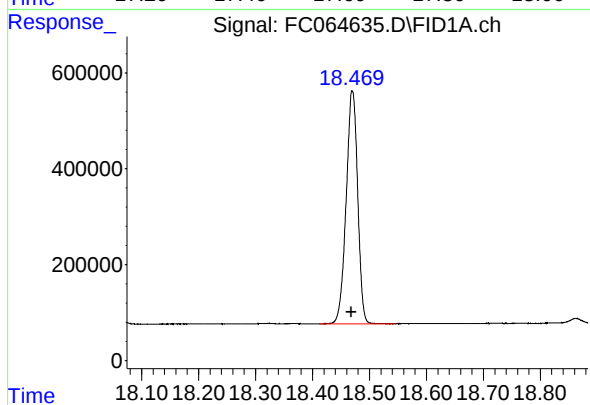
#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: 0.004 min
Response: 7311358
Conc: 49.40 ug/ml



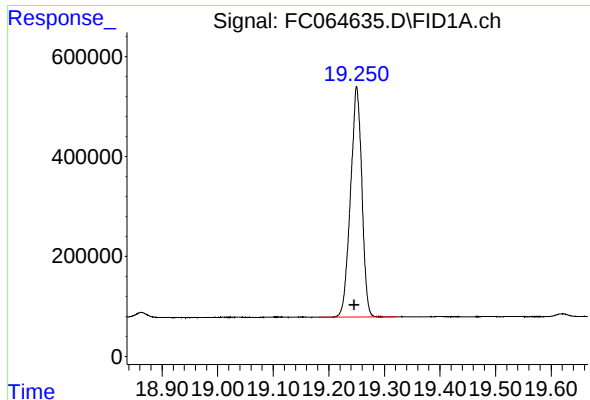
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.004 min
Response: 7134993
Conc: 48.03 ug/ml



#18 n-Dotriacontane (C32)

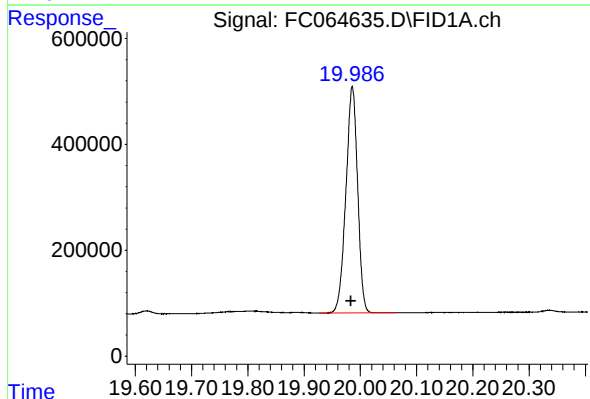
R.T.: 18.470 min
Delta R.T.: 0.002 min
Response: 6826672
Conc: 46.78 ug/ml



#19 n-Tetratriacontane (C34)

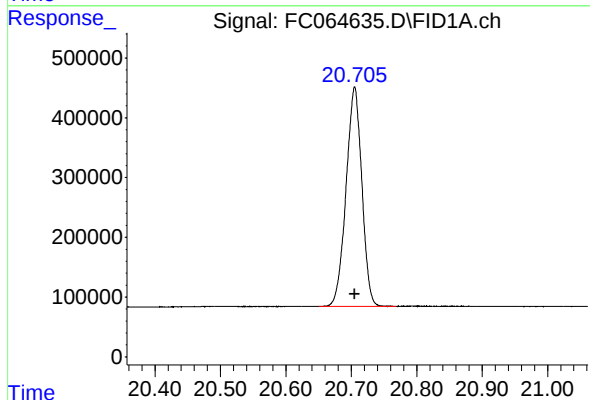
R.T.: 19.250 min
Delta R.T.: 0.004 min
Response: 6552527
Conc: 46.09 ug/ml

Instrument :
FID_C
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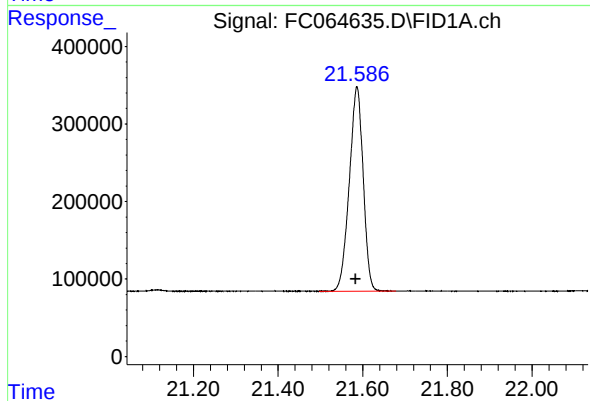
#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: 0.002 min
Response: 6205009
Conc: 45.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 6145525
Conc: 44.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: 0.003 min
Response: 5999968
Conc: 44.11 ug/ml