

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072423AL\
 Data File : FC064254.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2023 16:46
 Operator : YP/AJ
 Sample : PB154375BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154375BS

Integration File: autoint1.e
 Quant Time: Jul 25 03:28:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.949	4808755	38.131 ug/ml
Spiked Amount 50.000		Recovery =	76.26%
Target Compounds			
1) T n-Nonane (C9)	3.304	3952555	24.360 ug/ml
2) T n-Decane (C10)	4.365	4951454	30.280 ug/ml
4) T n-Dodecane (C12)	6.378	6022737	36.892 ug/ml
6) T n-Tetradecane (C14)	8.167	6389747	40.697 ug/ml
7) T n-Hexadecane (C16)	9.764	6433667	40.917 ug/ml
8) T n-Octadecane (C18)	11.202	6596366	41.634 ug/ml
10) T n-Eicosane (C20)	12.507	6465369	43.321 ug/ml
11) T n-Heneicosane (C21)	13.118	6464767	44.294 ug/ml
13) T n-Docosane (C22)	13.700	6432669	45.070 ug/ml
14) T n-Tetracosane (C24)	14.800	6288695	44.772 ug/ml
15) T n-Hexacosane (C26)	15.817	6159369	44.855 ug/ml
16) T n-Octacosane (C28)	16.765	6093141	45.439 ug/ml
17) T n-Tricontane (C30)	17.649	6069880	43.731 ug/ml
18) T n-Dotriacontane (C32)	18.476	6048791	42.984 ug/ml
19) T n-Tetratriacontane (C34)	19.256	5925448	42.678 ug/ml
20) T n-Hexatriacontane (C36)	19.994	5719987	42.156 ug/ml
21) T n-Octatriacontane (C38)	20.717	5500058	40.550 ug/ml
22) T n-Tetracontane (C40)	21.600	5362564	39.922 ug/ml

(f)=RT Delta > 1/2 Window

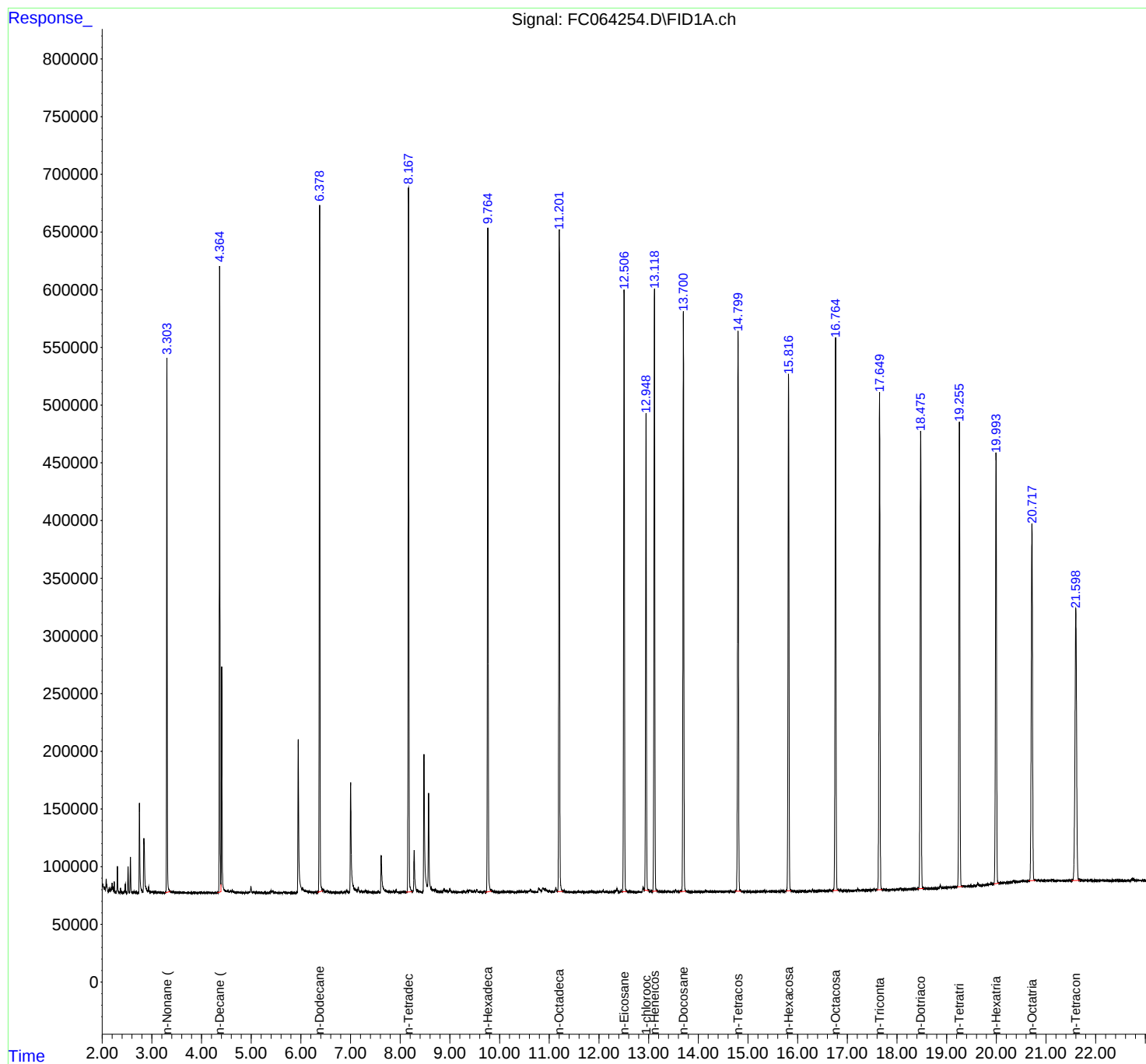
(m)=manual int.

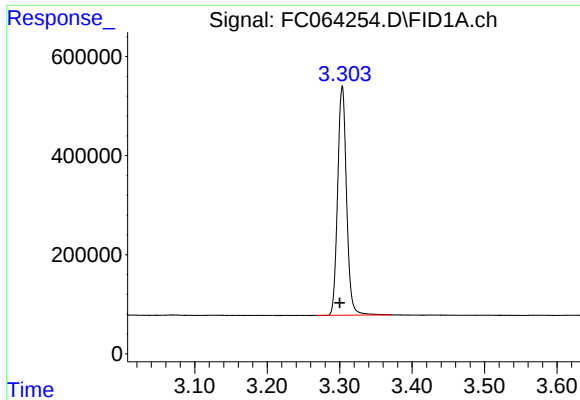
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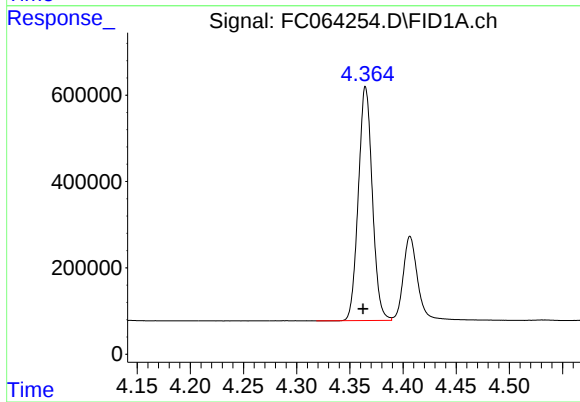




#1 n-Nonane (C9)

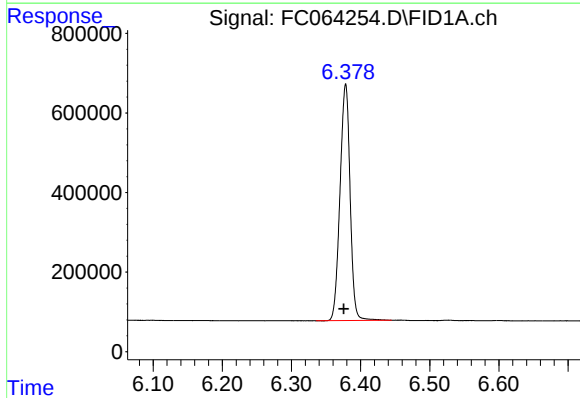
R.T.: 3.304 min
Delta R.T.: 0.004 min
Response: 3952555
Conc: 24.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154375BS



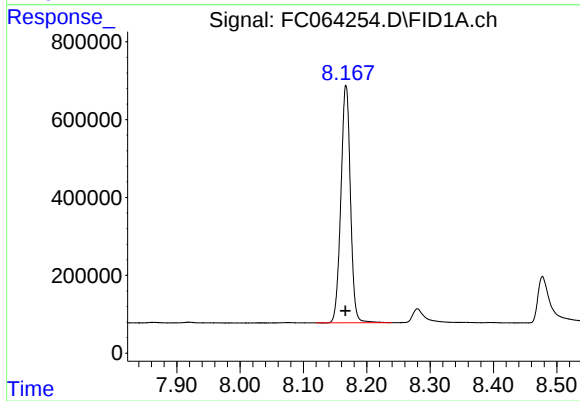
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.002 min
Response: 4951454
Conc: 30.28 ug/ml



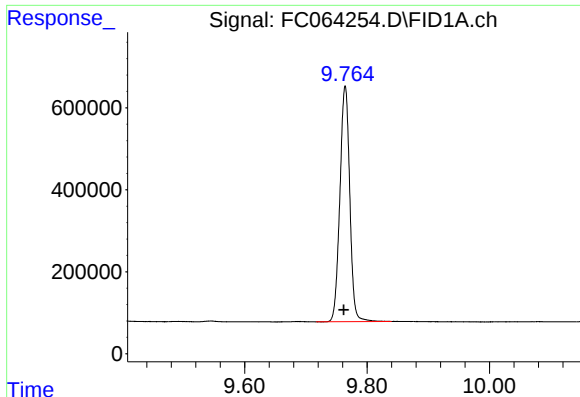
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: 0.003 min
Response: 6022737
Conc: 36.89 ug/ml



#6 n-Tetradecane (C14)

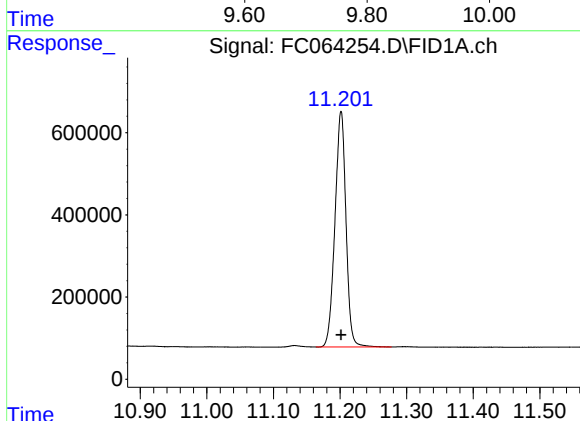
R.T.: 8.167 min
Delta R.T.: 0.001 min
Response: 6389747
Conc: 40.70 ug/ml



#7 n-Hexadecane (C16)

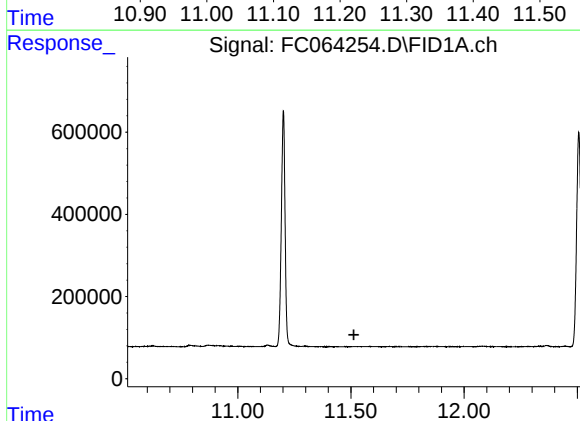
R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 6433667
Conc: 40.92 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154375BS



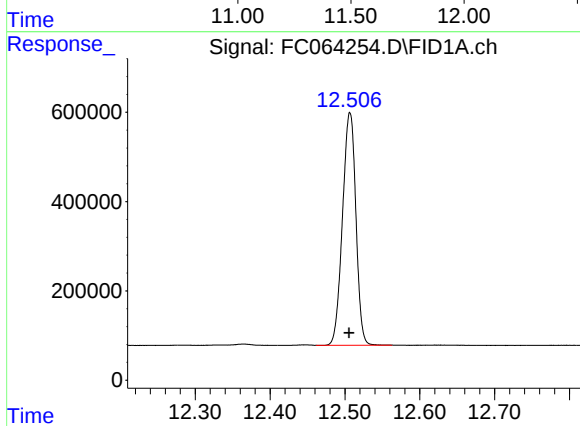
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 6596366
Conc: 41.63 ug/ml



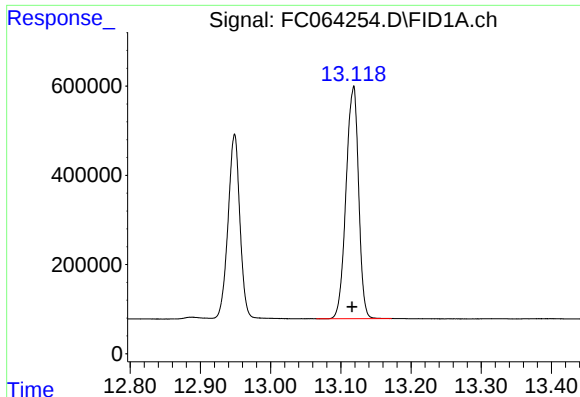
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.513 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

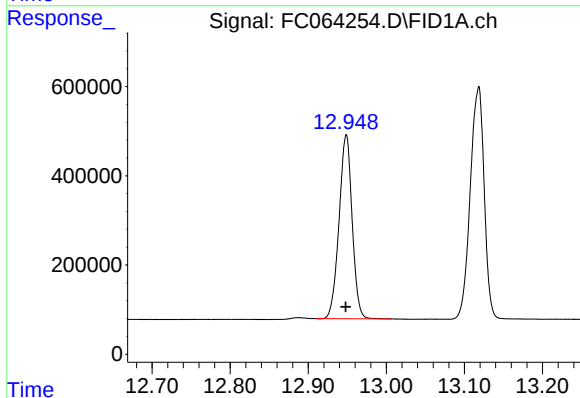
R.T.: 12.507 min
Delta R.T.: 0.001 min
Response: 6465369
Conc: 43.32 ug/ml



#11 n-Heneicosane (C21)

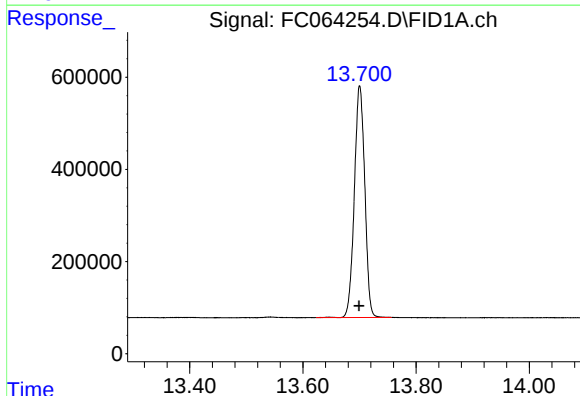
R.T.: 13.118 min
Delta R.T.: 0.002 min
Response: 6464767
Conc: 44.29 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154375BS



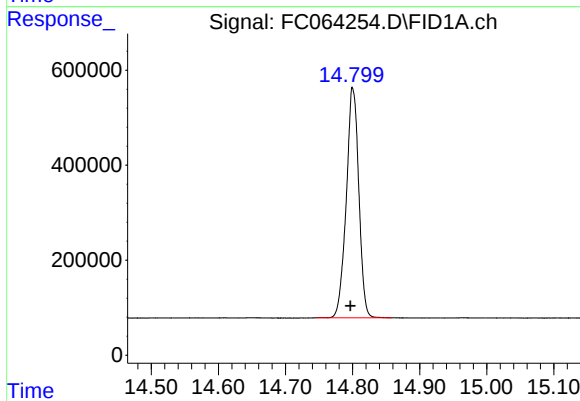
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: 0.000 min
Response: 4808755
Conc: 38.13 ug/ml



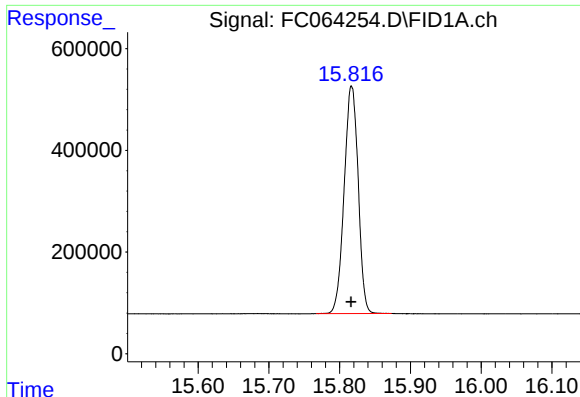
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.001 min
Response: 6432669
Conc: 45.07 ug/ml



#14 n-Tetracosane (C24)

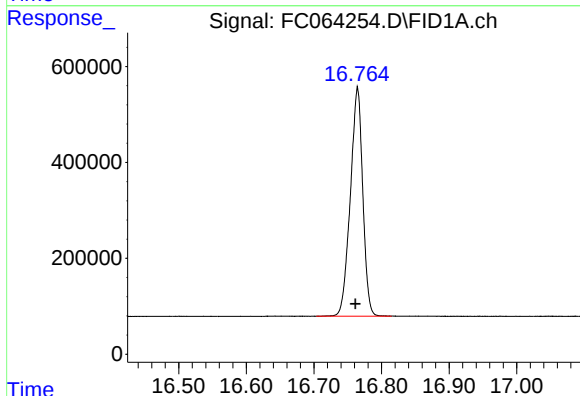
R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 6288695
Conc: 44.77 ug/ml



#15 n-Hexacosane (C26)

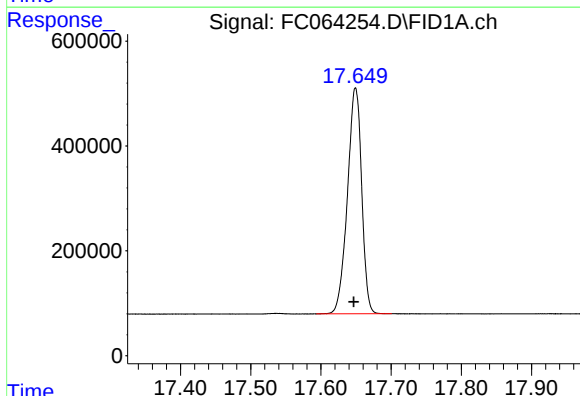
R.T.: 15.817 min
Delta R.T.: 0.000 min
Response: 6159369
Conc: 44.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154375BS



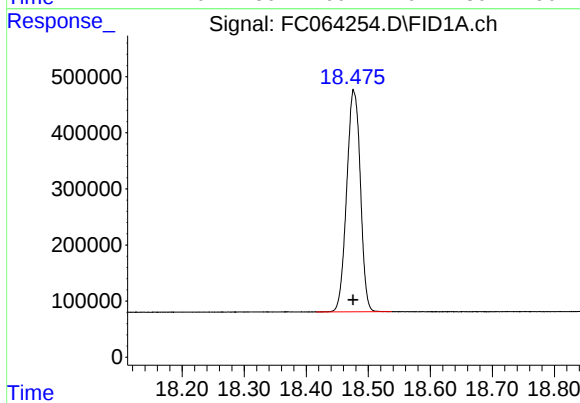
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.003 min
Response: 6093141
Conc: 45.44 ug/ml



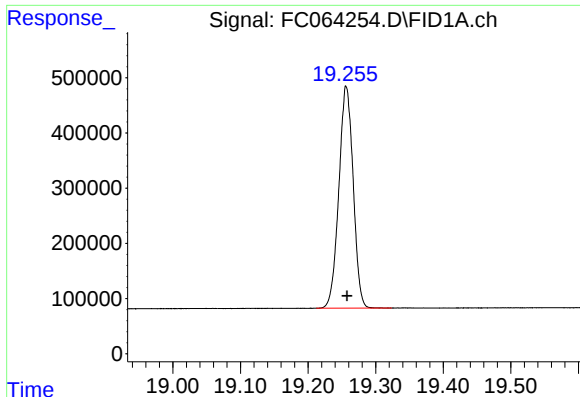
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.002 min
Response: 6069880
Conc: 43.73 ug/ml



#18 n-Dotriacontane (C32)

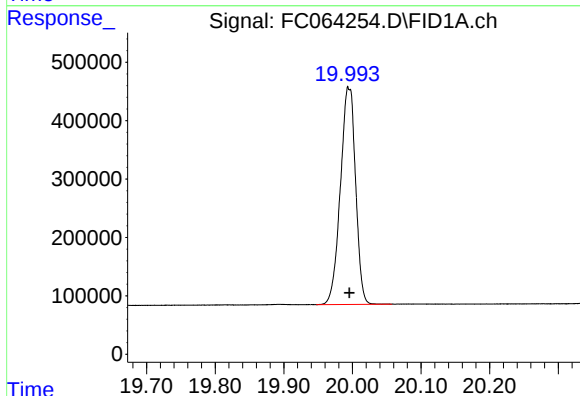
R.T.: 18.476 min
Delta R.T.: 0.001 min
Response: 6048791
Conc: 42.98 ug/ml



#19 n-Tetratriacontane (C34)

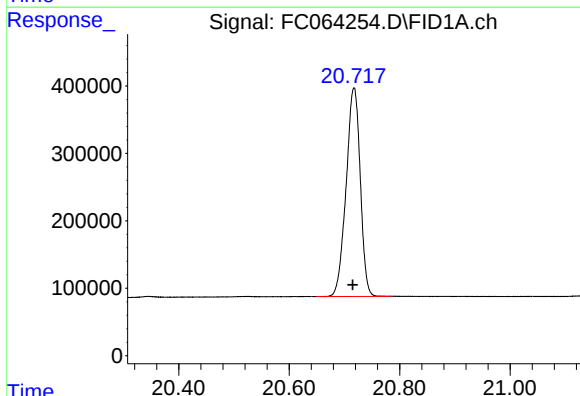
R.T.: 19.256 min
Delta R.T.: -0.001 min
Response: 5925448
Conc: 42.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154375BS



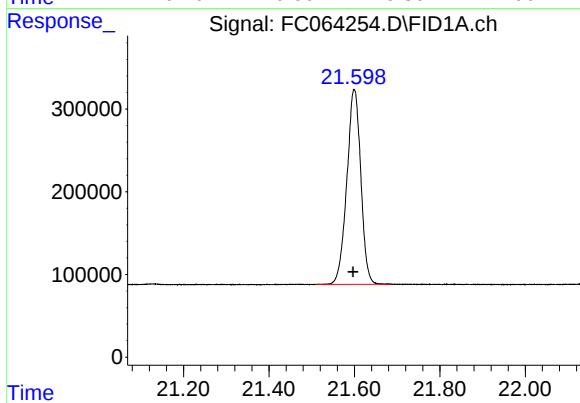
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: -0.001 min
Response: 5719987
Conc: 42.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.002 min
Response: 5500058
Conc: 40.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.003 min
Response: 5362564
Conc: 39.92 ug/ml