

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110923AL\
 Data File : FC065076.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2023 16:59
 Operator : YP/AJ
 Sample : PB157015BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157015BS

Integration File: autoint1.e
 Quant Time: Nov 09 22:30:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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			
12) S 1-chlorooctadecane (S...	12.944	6455799	40.838 ug/ml
Spiked Amount 50.000		Recovery =	81.68%
Target Compounds			
1) T n-Nonane (C9)	3.308	4368641	23.107 ug/ml
2) T n-Decane (C10)	4.368	5380109	28.295 ug/ml
4) T n-Dodecane (C12)	6.379	6289988	32.561 ug/ml
6) T n-Tetradecane (C14)	8.169	6942117	36.791 ug/ml
7) T n-Hexadecane (C16)	9.763	7511743	39.740 ug/ml
8) T n-Octadecane (C18)	11.198	7947555	42.111 ug/ml
10) T n-Eicosane (C20)	12.503	8371167	46.563 ug/ml
11) T n-Heneicosane (C21)	13.112	8042175	45.806 ug/ml
13) T n-Docosane (C22)	13.696	7945638	46.257 ug/ml
14) T n-Tetracosane (C24)	14.793	7689461	46.167 ug/ml
15) T n-Hexacosane (C26)	15.810	7437675	46.338 ug/ml
16) T n-Octacosane (C28)	16.759	7193960	45.967 ug/ml
17) T n-Tricontane (C30)	17.642	7139950	45.078 ug/ml
18) T n-Dotriacontane (C32)	18.469	7043168	44.607 ug/ml
19) T n-Tetratriacontane (C34)	19.250	6902421	45.220 ug/ml
20) T n-Hexatriacontane (C36)	19.986	6526391	43.255 ug/ml
21) T n-Octatriacontane (C38)	20.708	6454085	43.370 ug/ml
22) T n-Tetracontane (C40)	21.589	6308808	42.894 ug/ml

(f)=RT Delta > 1/2 Window

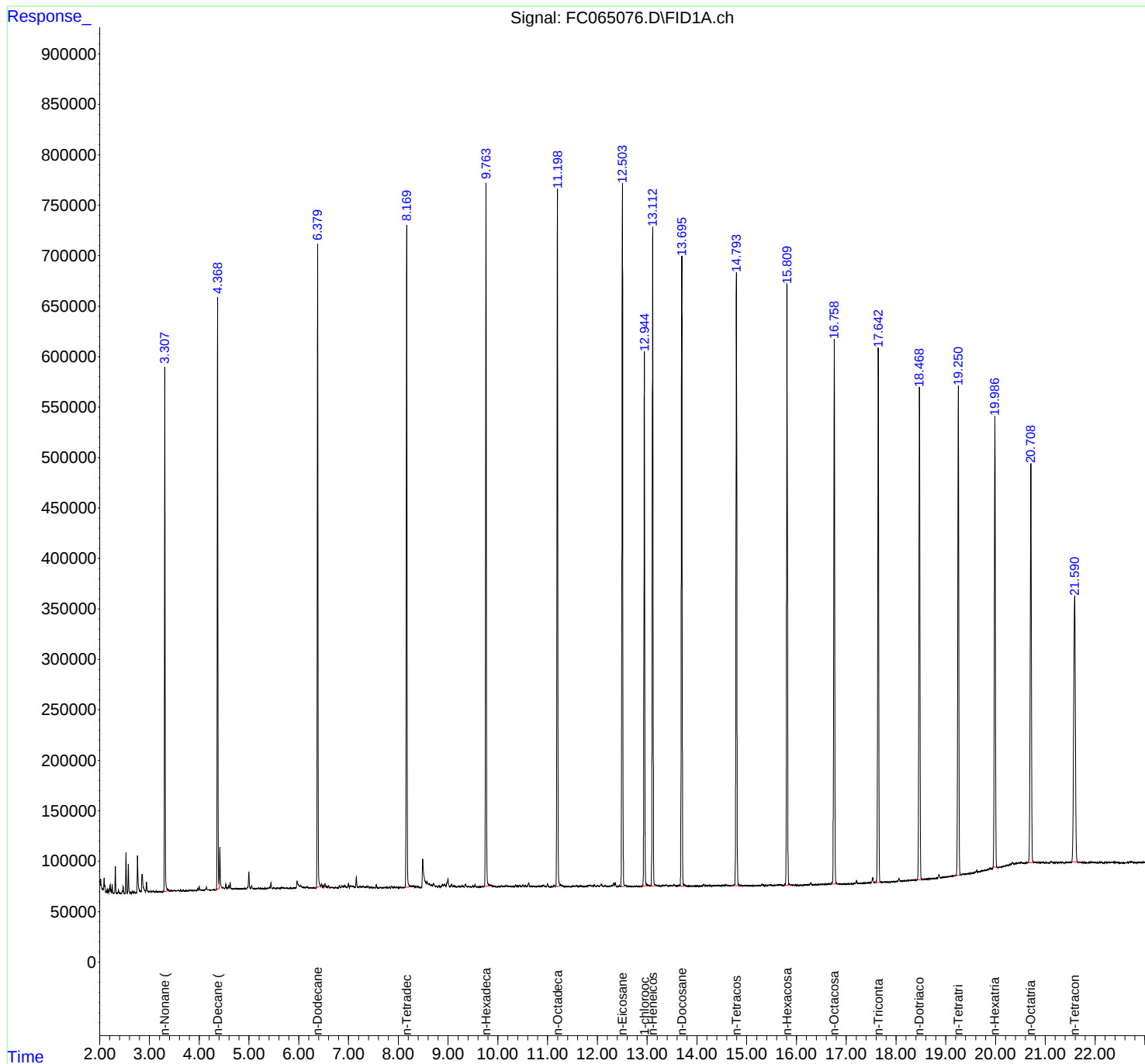
(m)=manual int.

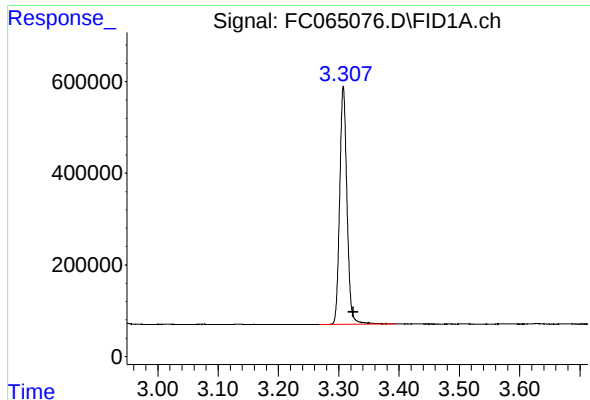
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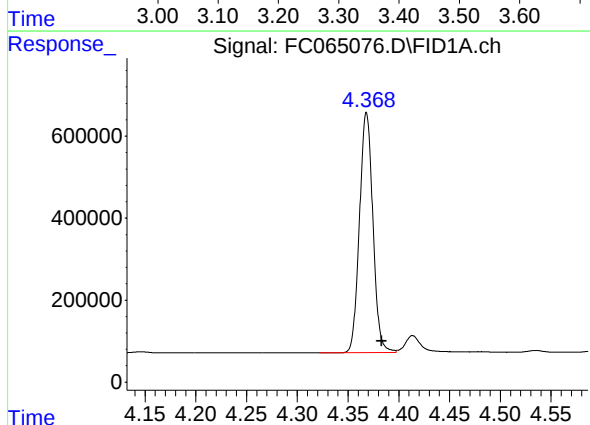




#1 n-Nonane (C9)

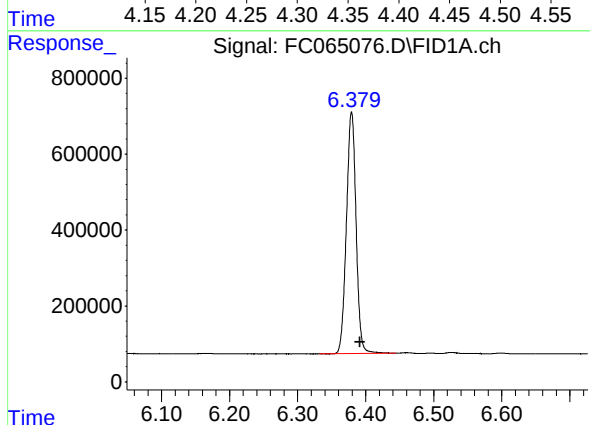
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 4368641
Conc: 23.11 ug/ml

Instrument :
FID_C
ClientSampleId :
PB157015BS



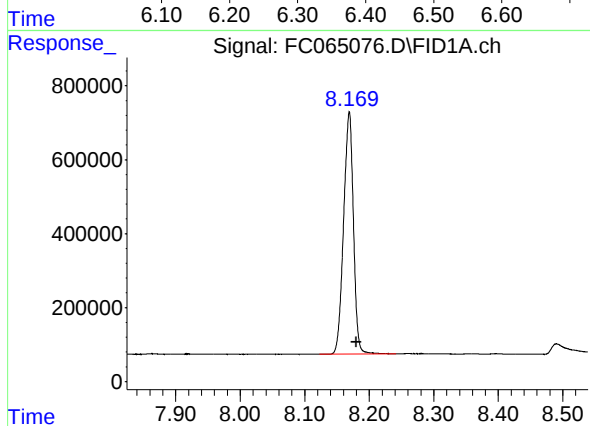
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 5380109
Conc: 28.29 ug/ml



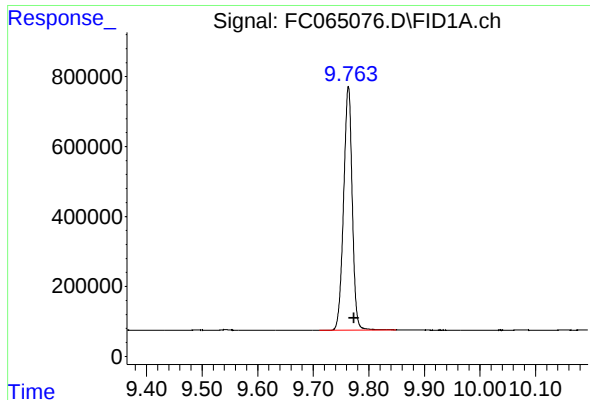
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.012 min
Response: 6289988
Conc: 32.56 ug/ml



#6 n-Tetradecane (C14)

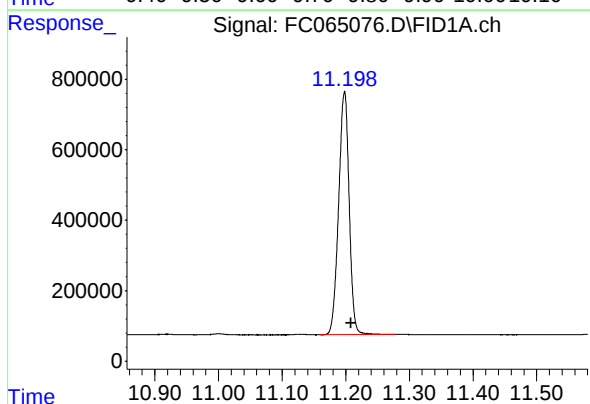
R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 6942117
Conc: 36.79 ug/ml



#7 n-Hexadecane (C16)

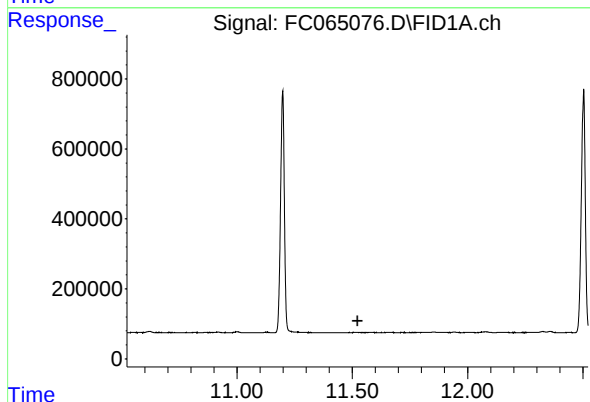
R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 7511743
Conc: 39.74 ug/ml

Instrument :
FID_C
ClientSampleId :
PB157015BS



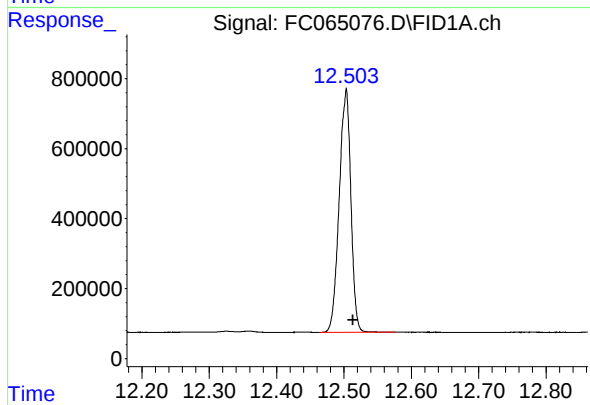
#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.010 min
Response: 7947555
Conc: 42.11 ug/ml



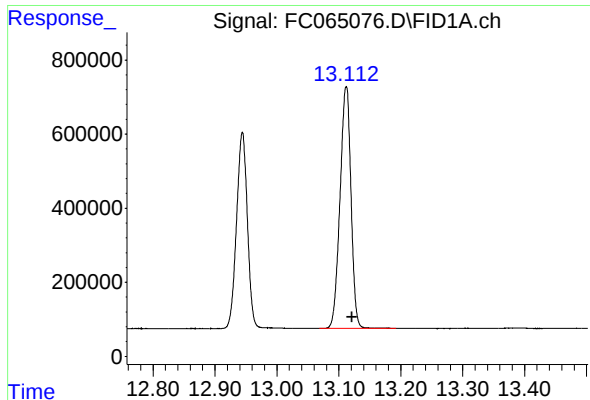
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

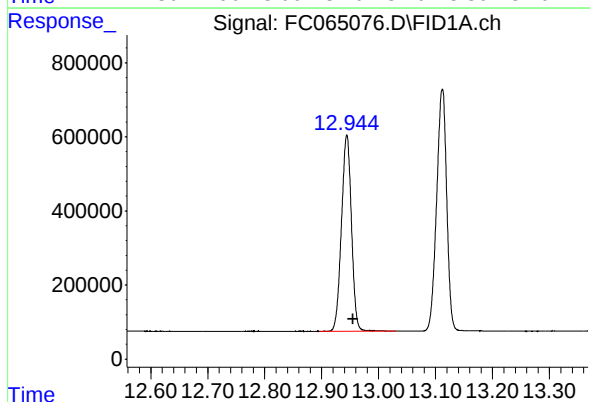
R.T.: 12.503 min
Delta R.T.: -0.010 min
Response: 8371167
Conc: 46.56 ug/ml



#11 n-Heneicosane (C21)

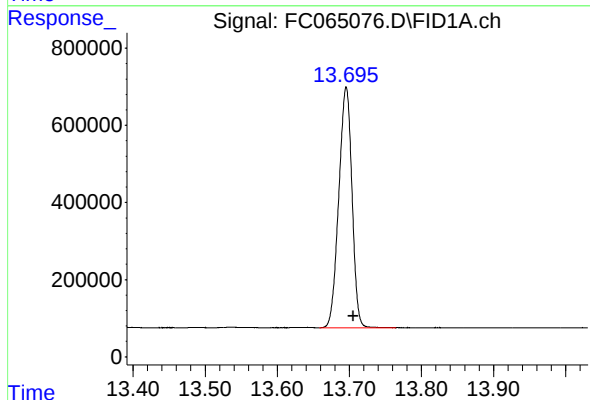
R.T.: 13.112 min
Delta R.T.: -0.009 min
Response: 8042175
Conc: 45.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB157015BS



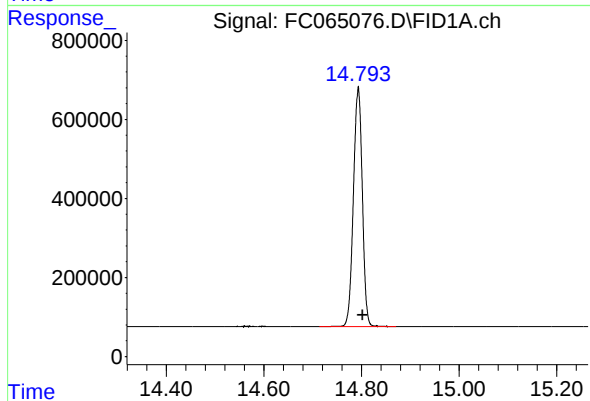
#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: -0.011 min
Response: 6455799
Conc: 40.84 ug/ml



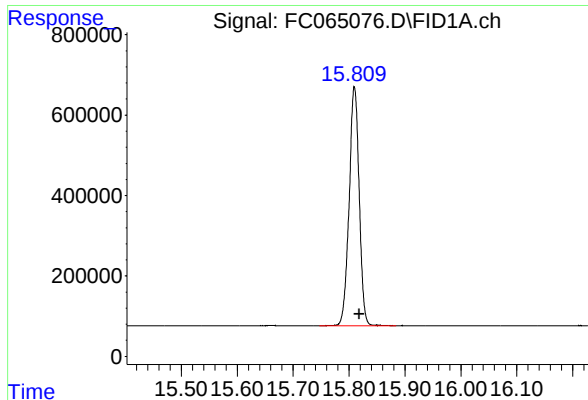
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: -0.010 min
Response: 7945638
Conc: 46.26 ug/ml



#14 n-Tetracosane (C24)

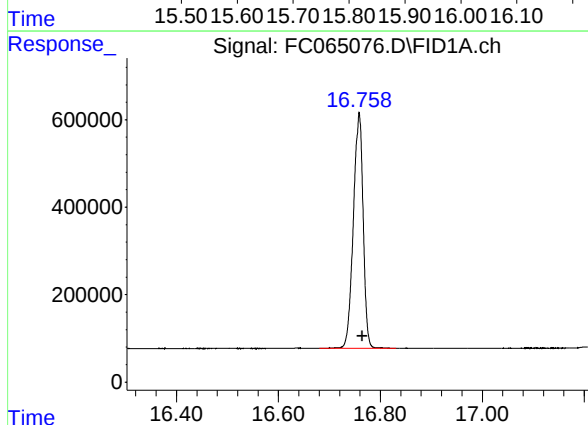
R.T.: 14.793 min
Delta R.T.: -0.009 min
Response: 7689461
Conc: 46.17 ug/ml



#15 n-Hexacosane (C26)

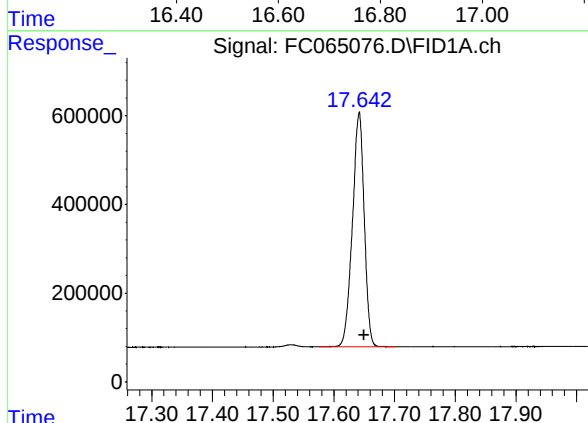
R.T.: 15.810 min
Delta R.T.: -0.009 min
Response: 7437675
Conc: 46.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB157015BS



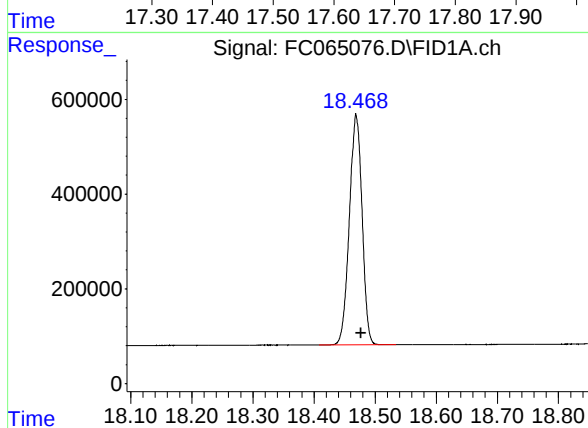
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: -0.006 min
Response: 7193960
Conc: 45.97 ug/ml



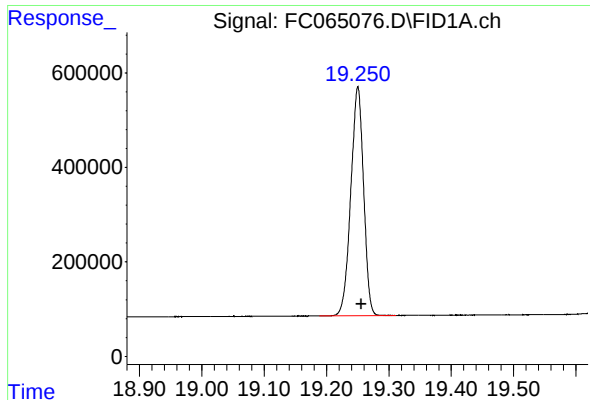
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: -0.007 min
Response: 7139950
Conc: 45.08 ug/ml



#18 n-Dotriacontane (C32)

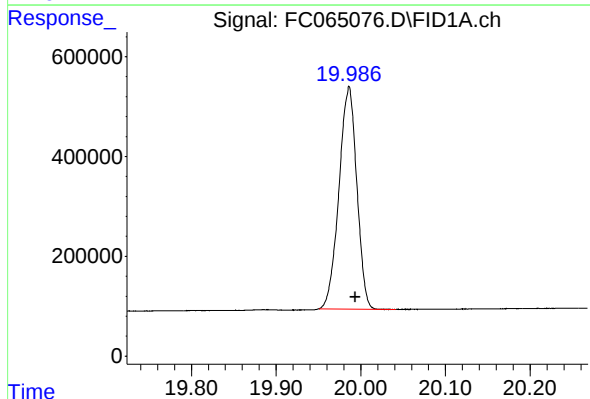
R.T.: 18.469 min
Delta R.T.: -0.008 min
Response: 7043168
Conc: 44.61 ug/ml



#19 n-Tetratriacontane (C34)

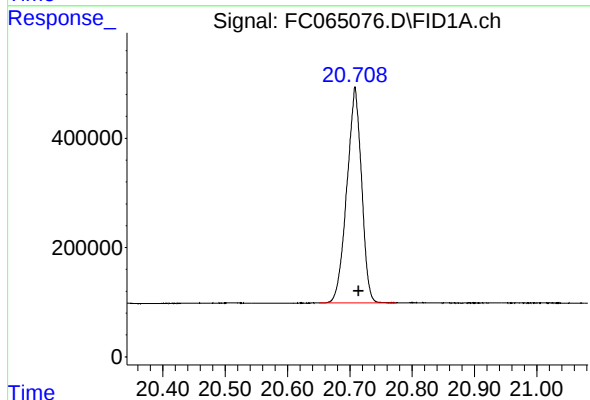
R.T.: 19.250 min
Delta R.T.: -0.005 min
Response: 6902421
Conc: 45.22 ug/ml

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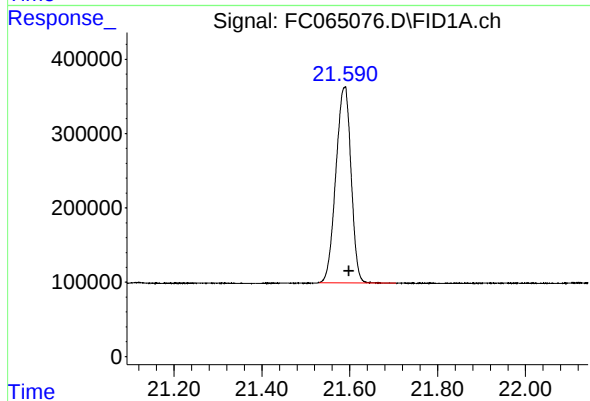
#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.007 min
Response: 6526391
Conc: 43.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.006 min
Response: 6454085
Conc: 43.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: -0.009 min
Response: 6308808
Conc: 42.89 ug/ml