

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066398.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 16:25
 Operator : YP/AJ
 Sample : PB160844BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160844BS

Integration File: autoint1.e
 Quant Time: May 13 01:41:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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...	13.000	4228500	34.473 ug/ml
Spiked Amount 50.000		Recovery =	68.95%
Target Compounds			
1) T n-Nonane (C9)	3.315	3690295	24.434 ug/ml
2) T n-Decane (C10)	4.383	4618862	30.035 ug/ml
4) T n-Dodecane (C12)	6.404	5339028	34.741 ug/ml
6) T n-Tetradecane (C14)	8.202	5635190	37.236 ug/ml
7) T n-Hexadecane (C16)	9.804	5947951	38.899 ug/ml
8) T n-Octadecane (C18)	11.247	6441629	42.438 ug/ml
10) T n-Eicosane (C20)	12.558	6610333	45.952 ug/ml
11) T n-Heneicosane (C21)	13.170	6421809	45.685 ug/ml
13) T n-Docosane (C22)	13.757	6359230	45.421 ug/ml
14) T n-Tetracosane (C24)	14.860	6209980	44.111 ug/ml
15) T n-Hexacosane (C26)	15.881	6048877	44.222 ug/ml
16) T n-Octacosane (C28)	16.832	5892733	44.002 ug/ml
17) T n-Tricontane (C30)	17.719	5880719	43.638 ug/ml
18) T n-Dotriacontane (C32)	18.553	5750883	44.665 ug/ml
19) T n-Tetratriacontane (C34)	19.337	5681065	48.017 ug/ml
20) T n-Hexatriacontane (C36)	20.077	5511453	47.949 ug/ml
21) T n-Octatriacontane (C38)	20.813	5510113	51.192 ug/ml
22) T n-Tetracontane (C40)	21.725	5379260	50.164 ug/ml

(f)=RT Delta > 1/2 Window

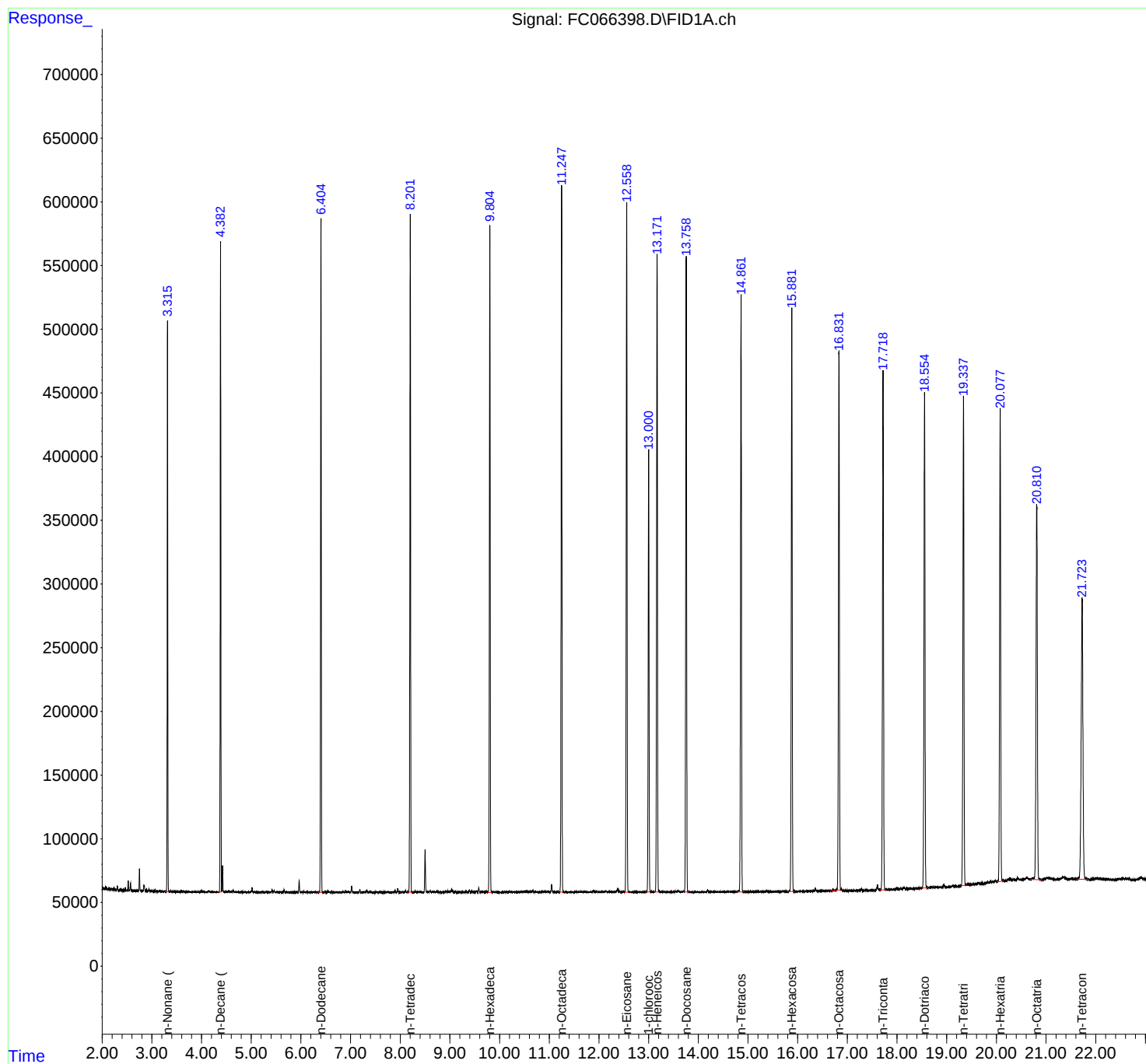
(m)=manual int.

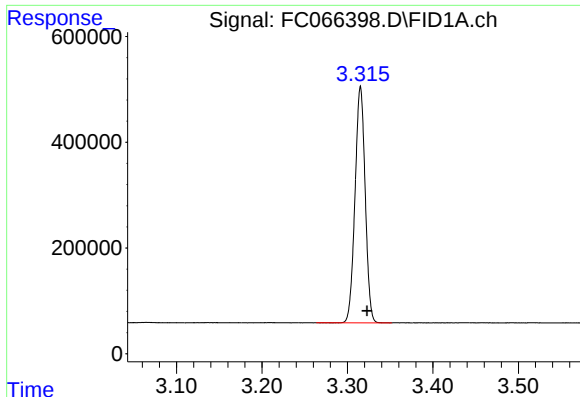
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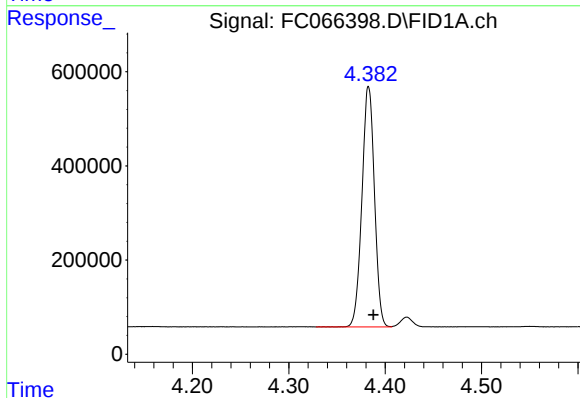




#1 n-Nonane (C9)

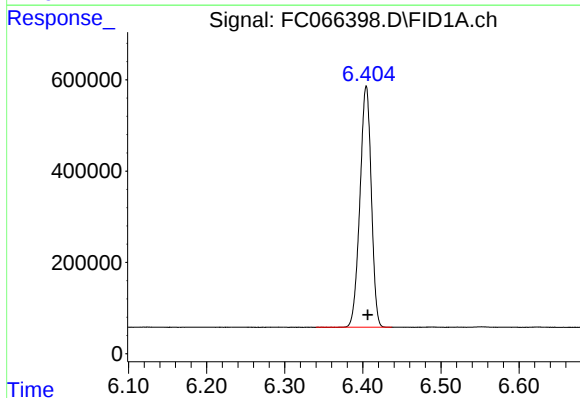
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3690295
Conc: 24.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160844BS



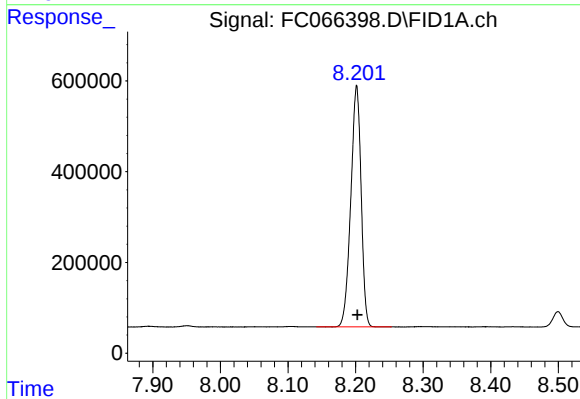
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 4618862
Conc: 30.03 ug/ml



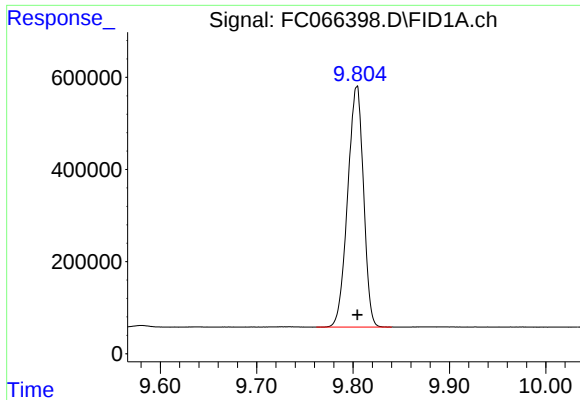
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5339028
Conc: 34.74 ug/ml



#6 n-Tetradecane (C14)

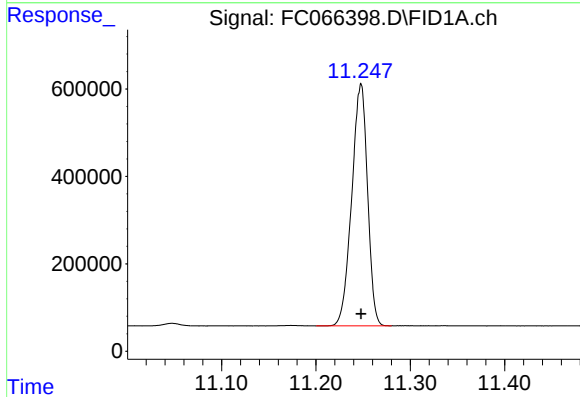
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5635190
Conc: 37.24 ug/ml



#7 n-Hexadecane (C16)

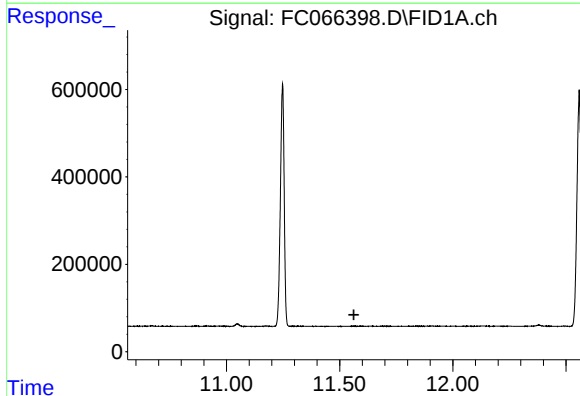
R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 5947951
Conc: 38.90 ug/ml

Instrument :
FID_C
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PB160844BS



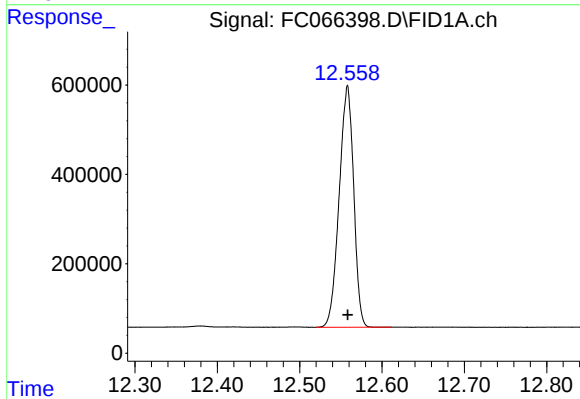
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 6441629
Conc: 42.44 ug/ml



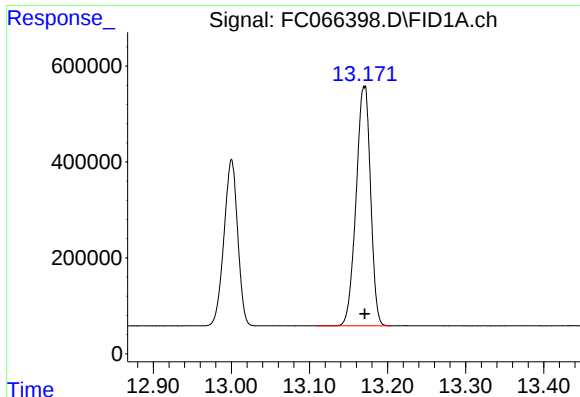
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

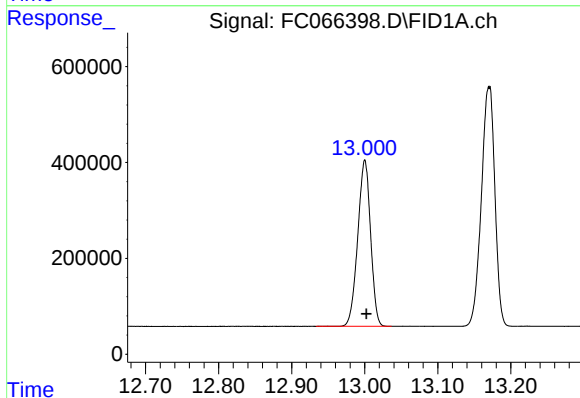
R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 6610333
Conc: 45.95 ug/ml



#11 n-Heneicosane (C21)

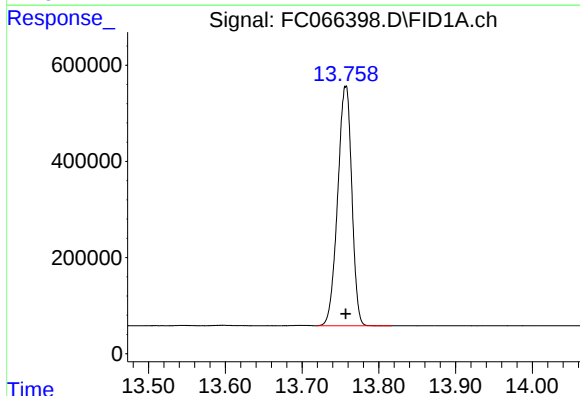
R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 6421809
Conc: 45.69 ug/ml

Instrument :
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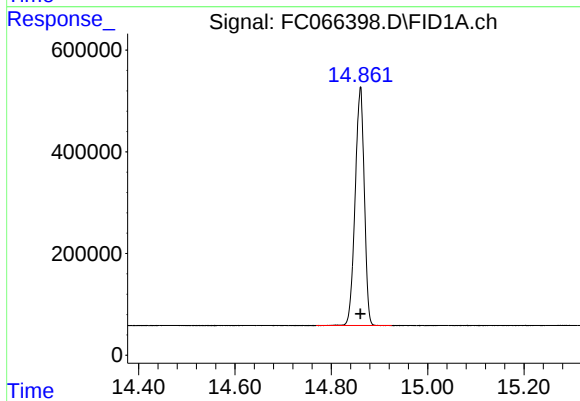
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 4228500
Conc: 34.47 ug/ml



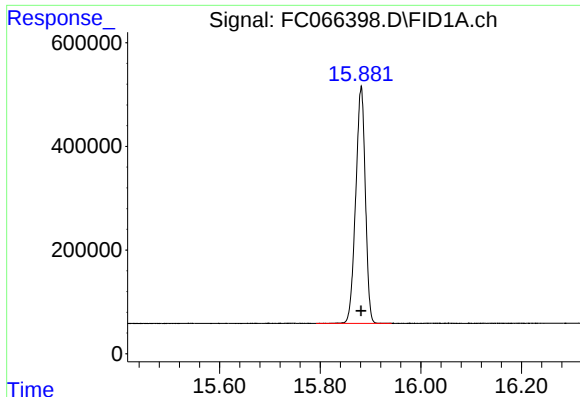
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 6359230
Conc: 45.42 ug/ml



#14 n-Tetracosane (C24)

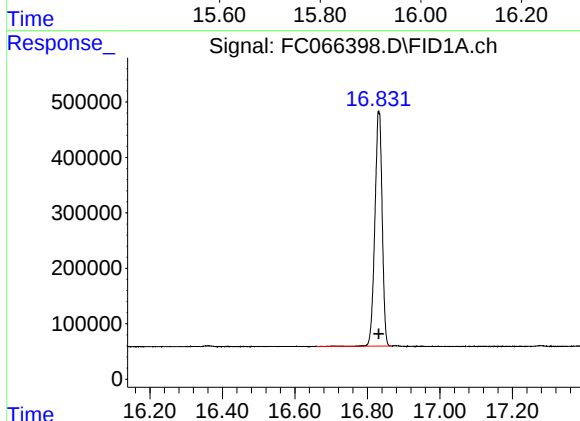
R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 6209980
Conc: 44.11 ug/ml



#15 n-Hexacosane (C26)

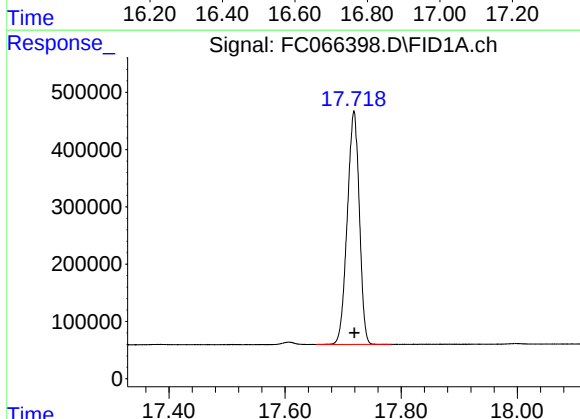
R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 6048877
Conc: 44.22 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160844BS



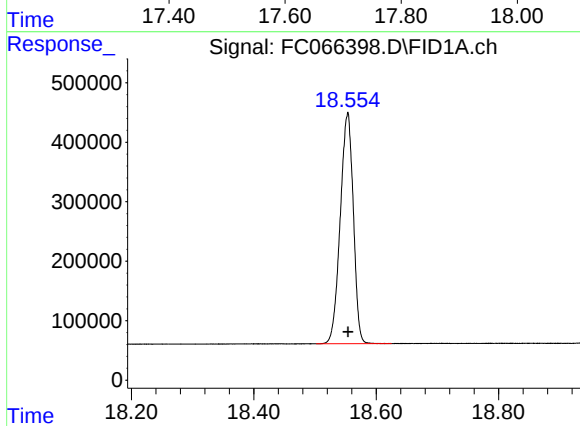
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 5892733
Conc: 44.00 ug/ml



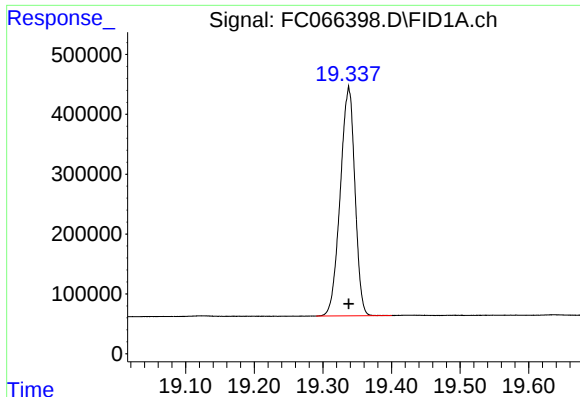
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: -0.001 min
Response: 5880719
Conc: 43.64 ug/ml



#18 n-Dotriacontane (C32)

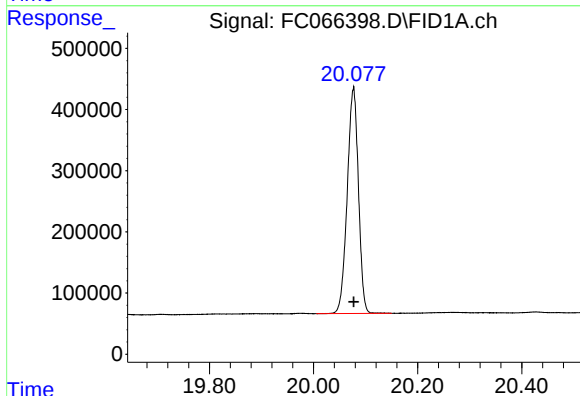
R.T.: 18.553 min
Delta R.T.: -0.001 min
Response: 5750883
Conc: 44.66 ug/ml



#19 n-Tetratriacontane (C34)

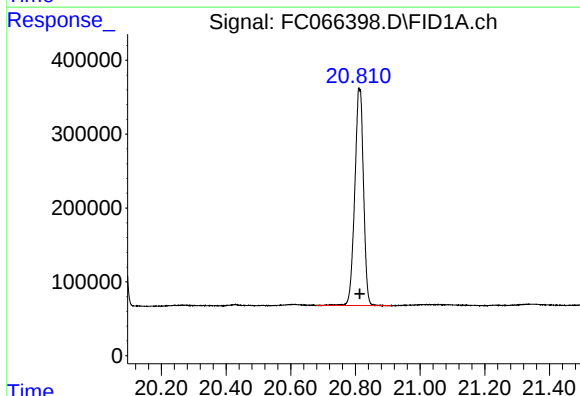
R.T.: 19.337 min
Delta R.T.: 0.000 min
Response: 5681065
Conc: 48.02 ug/ml

Instrument :
FID_C
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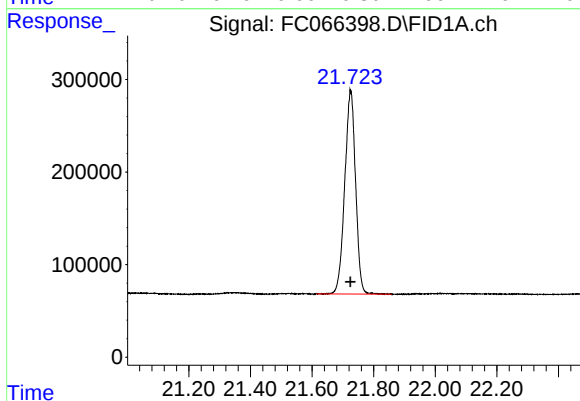
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.001 min
Response: 5511453
Conc: 47.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 5510113
Conc: 51.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 5379260
Conc: 50.16 ug/ml