

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069263.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 10:47
 Operator : YP/AJ
 Sample : PB168591BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168591BSD

Integration File: autoint1.e
 Quant Time: Jun 25 00:39:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 2025
 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...	13.116	5685778	43.522 ug/ml
Spiked Amount 50.000		Recovery =	87.04%
Target Compounds			
1) T n-Nonane (C9)	3.410	3509562	24.677 ug/ml
2) T n-Decane (C10)	4.483	4722168	32.256 ug/ml
4) T n-Dodecane (C12)	6.508	5888078	38.884 ug/ml
6) T n-Tetradecane (C14)	8.308	6594240	42.542 ug/ml
7) T n-Hexadecane (C16)	9.913	6871839	42.051 ug/ml
8) T n-Octadecane (C18)	11.358	6898414	42.251 ug/ml
10) T n-Eicosane (C20)	12.670	7248389	47.487 ug/ml
11) T n-Heneicosane (C21)	13.285	6886701	46.723 ug/ml
13) T n-Docosane (C22)	13.872	6760168	46.984 ug/ml
14) T n-Tetracosane (C24)	14.976	6485904	47.023 ug/ml
15) T n-Hexacosane (C26)	15.999	6167860	47.183 ug/ml
16) T n-Octacosane (C28)	16.951	5851517	47.447 ug/ml
17) T n-Tricontane (C30)	17.839	5626087	47.324 ug/ml
18) T n-Dotriacontane (C32)	18.674	5354091	48.969 ug/ml
19) T n-Tetratriacontane (C34)	19.459	5065981	52.461 ug/ml
20) T n-Hexatriacontane (C36)	20.200	4742352	57.544 ug/ml
21) T n-Octatriacontane (C38)	20.969	4607405	61.654 ug/ml
22) T n-Tetracontane (C40)	21.939	4456790	62.935 ug/ml

(f)=RT Delta > 1/2 Window

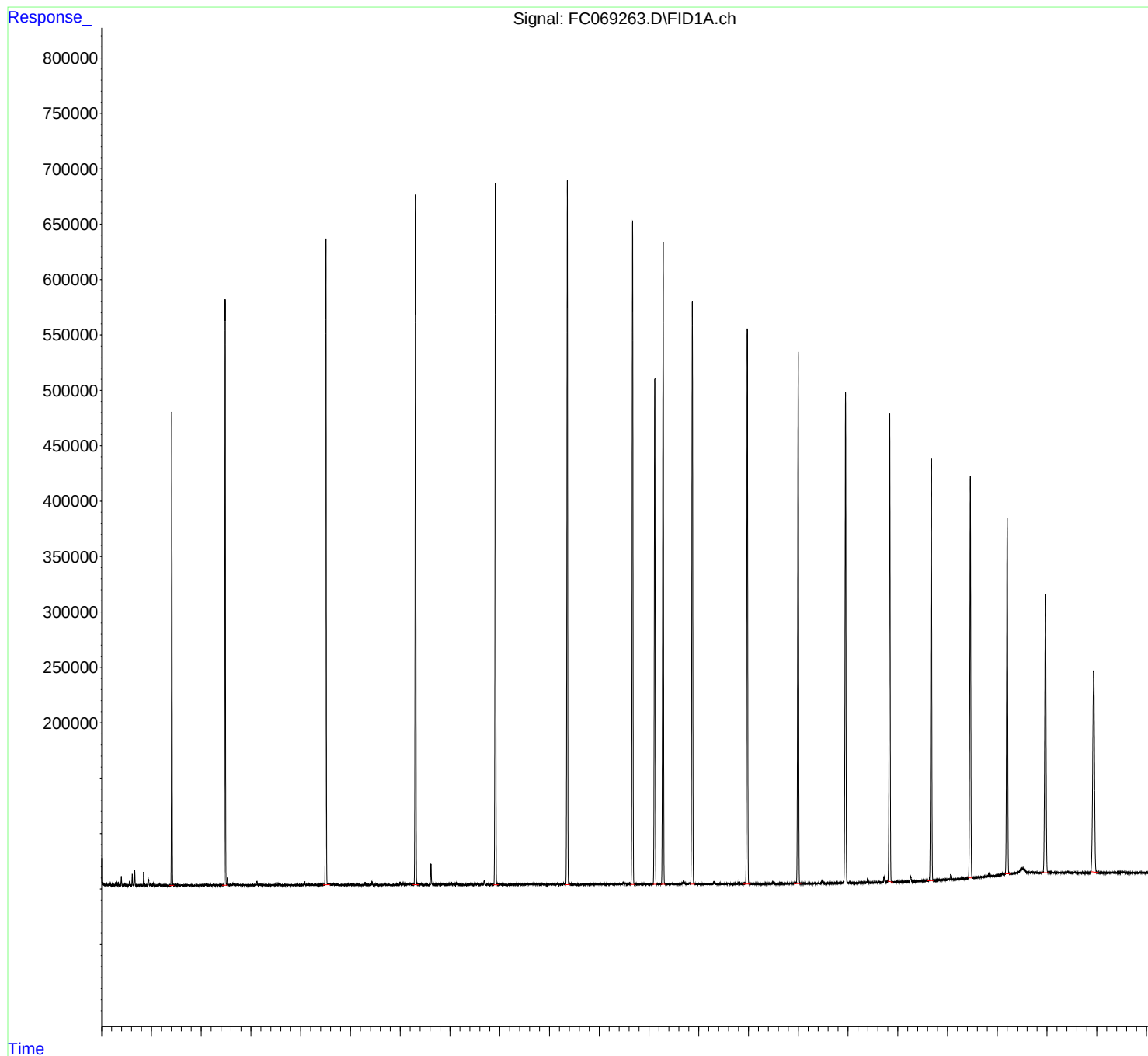
(m)=manual int.

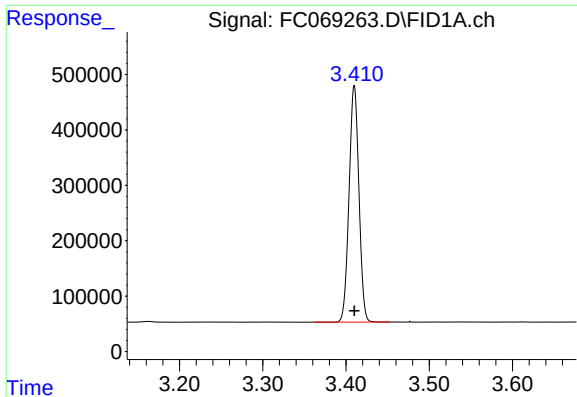
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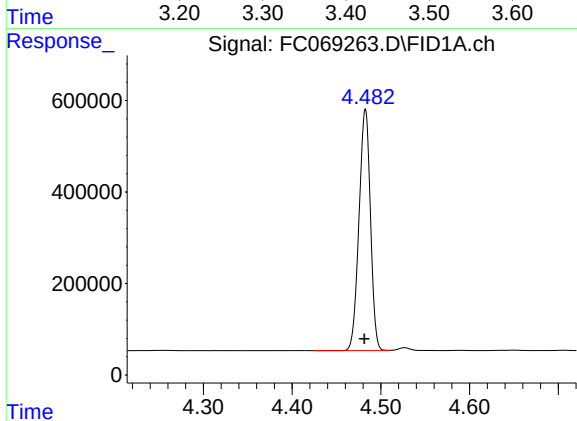




#1 n-Nonane (C9)

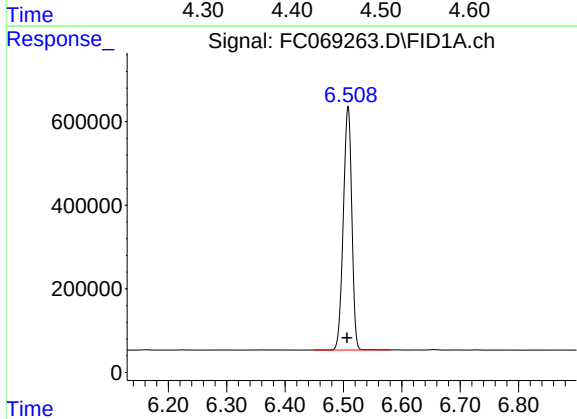
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 3509562
Conc: 24.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168591BSD



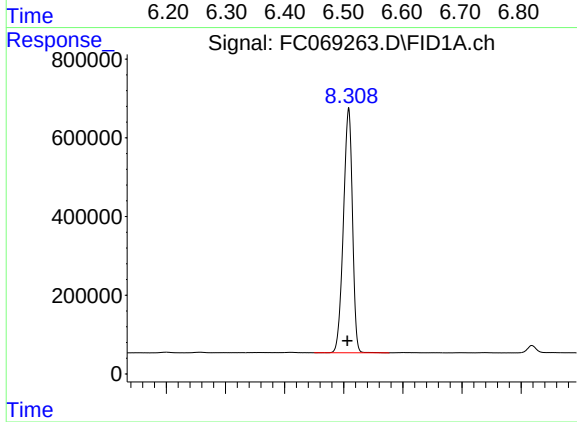
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 4722168
Conc: 32.26 ug/ml



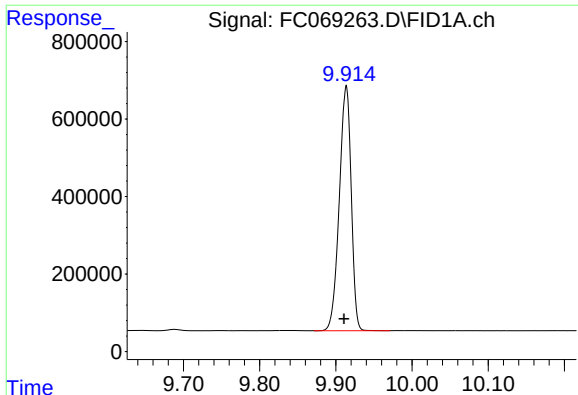
#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 5888078
Conc: 38.88 ug/ml



#6 n-Tetradecane (C14)

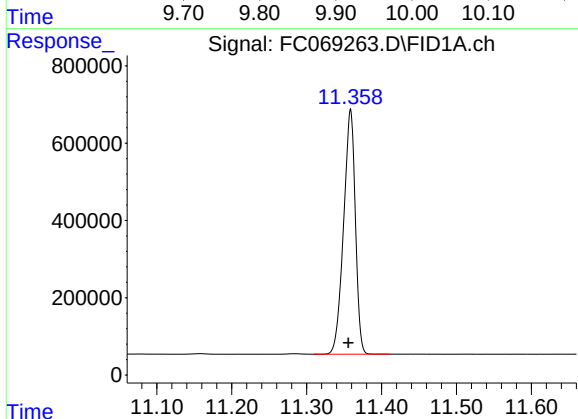
R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 6594240
Conc: 42.54 ug/ml



#7 n-Hexadecane (C16)

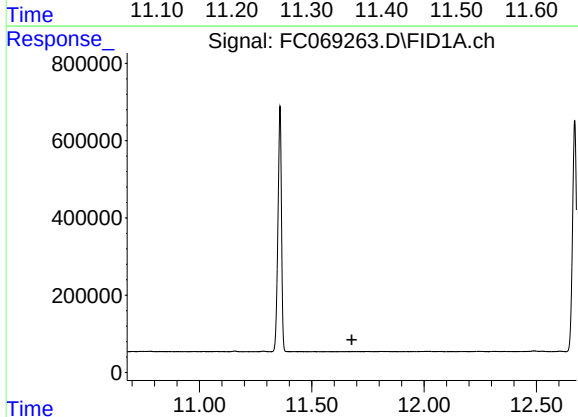
R.T.: 9.913 min
Delta R.T.: 0.003 min
Response: 6871839
Conc: 42.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168591BSD



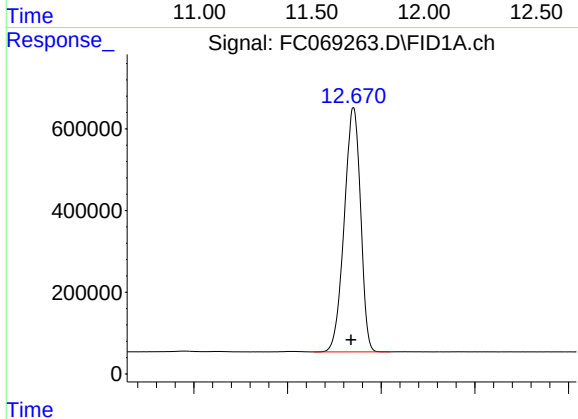
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 6898414
Conc: 42.25 ug/ml



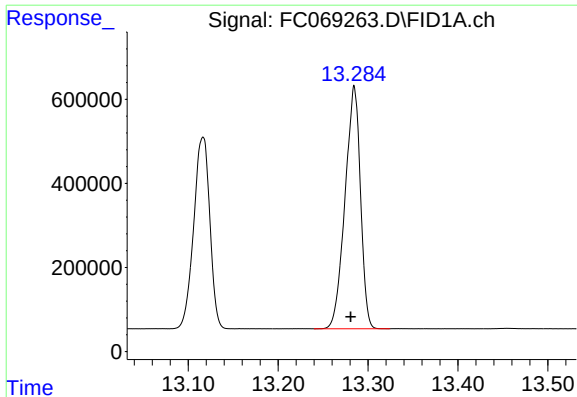
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.678 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

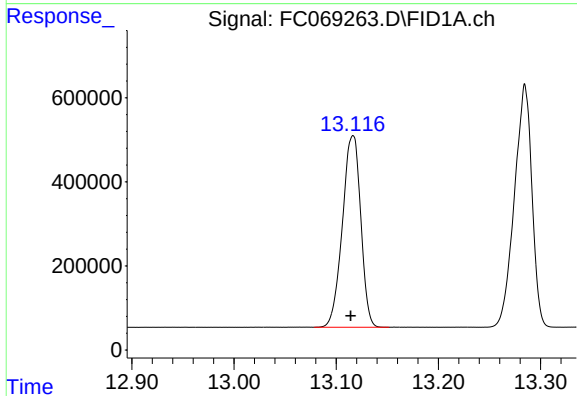
R.T.: 12.670 min
Delta R.T.: 0.003 min
Response: 7248389
Conc: 47.49 ug/ml



#11 n-Heneicosane (C21)

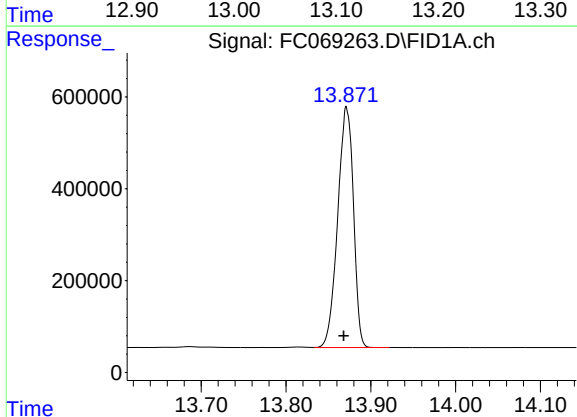
R.T.: 13.285 min
Delta R.T.: 0.004 min
Response: 6886701
Conc: 46.72 ug/ml

Instrument :
FID_C
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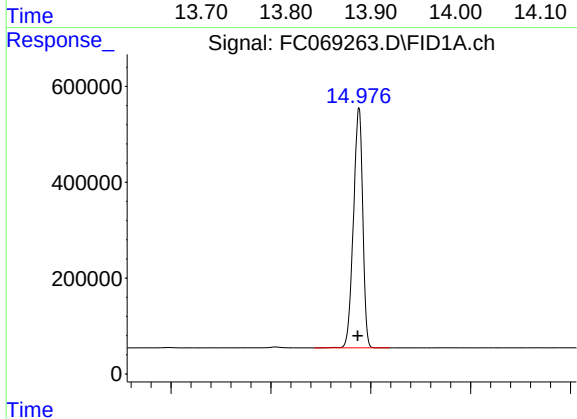
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.002 min
Response: 5685778
Conc: 43.52 ug/ml



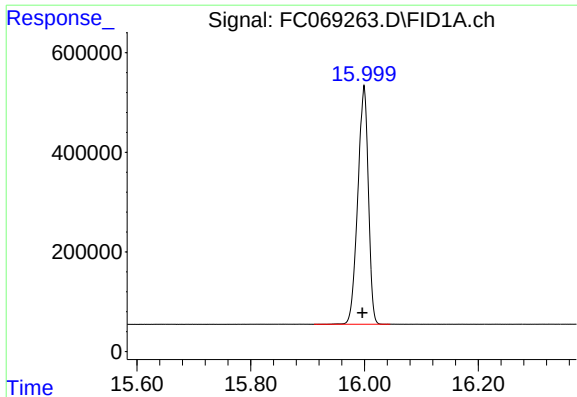
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: 0.003 min
Response: 6760168
Conc: 46.98 ug/ml



#14 n-Tetracosane (C24)

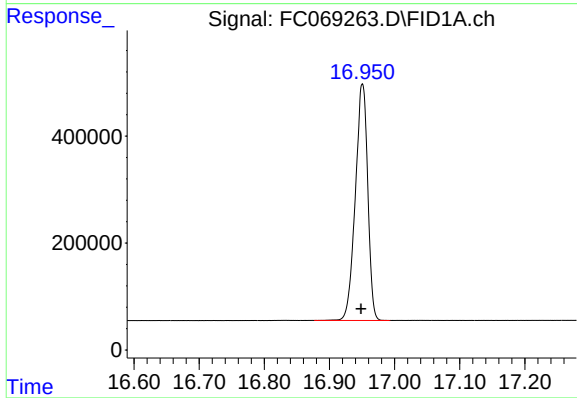
R.T.: 14.976 min
Delta R.T.: 0.002 min
Response: 6485904
Conc: 47.02 ug/ml



#15 n-Hexacosane (C26)

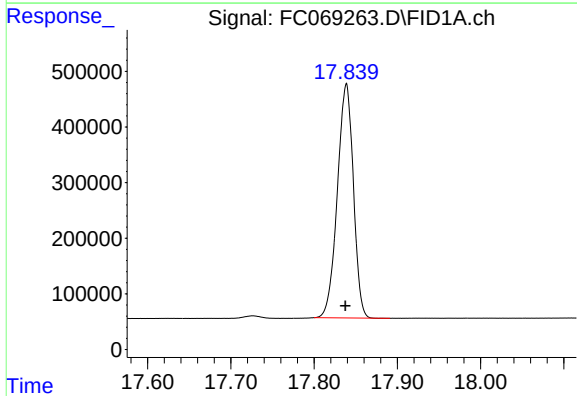
R.T.: 15.999 min
Delta R.T.: 0.002 min
Response: 6167860
Conc: 47.18 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168591BSD



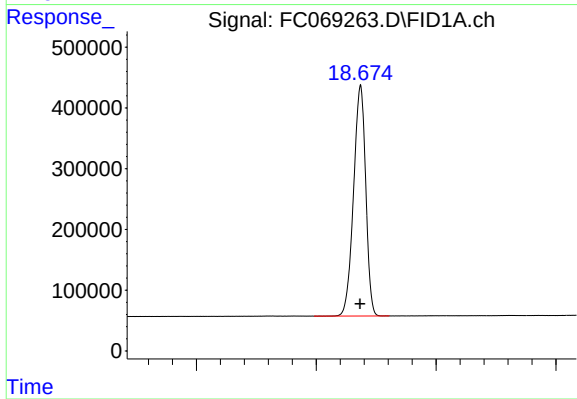
#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: 0.002 min
Response: 5851517
Conc: 47.45 ug/ml



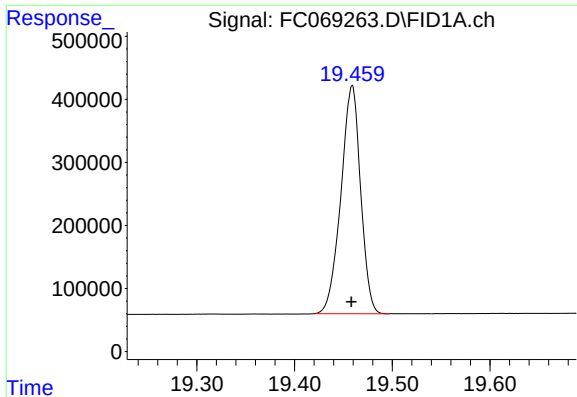
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 5626087
Conc: 47.32 ug/ml



#18 n-Dotriacontane (C32)

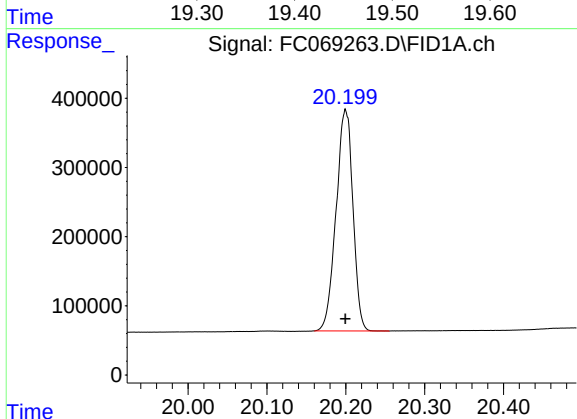
R.T.: 18.674 min
Delta R.T.: 0.000 min
Response: 5354091
Conc: 48.97 ug/ml



#19 n-Tetratriacontane (C34)

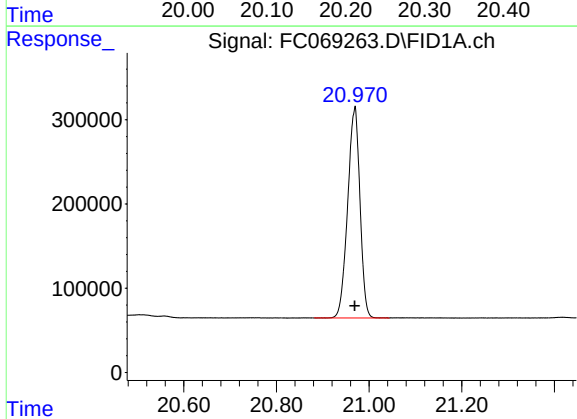
R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 5065981
Conc: 52.46 ug/ml

Instrument :
FID_C
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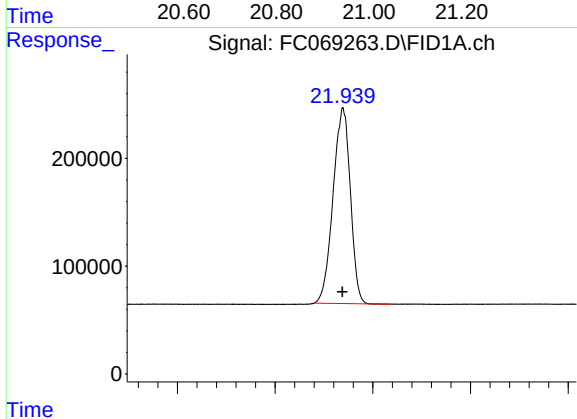
#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 4742352
Conc: 57.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 min
Response: 4607405
Conc: 61.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.002 min
Response: 4456790
Conc: 62.93 ug/ml