

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068657.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 14:55
 Operator : YP/AJ
 Sample : PB167658BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167658BS

Integration File: autoint1.e
 Quant Time: Apr 22 01:25:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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			
9) S ortho-Terphenyl (SURR)	11.720	4372952	34.341 ug/ml
Spiked Amount 50.000		Recovery =	68.68%
12) S 1-chlorooctadecane (S...	13.152	3322060	35.762 ug/ml
Spiked Amount 50.000		Recovery =	71.52%
Target Compounds			
1) T n-Nonane (C9)	3.453	3651745	34.672 ug/ml
2) T n-Decane (C10)	4.527	3779352	35.871 ug/ml
3) T A~Naphthalene (C11.7)	6.122	4345038	37.309 ug/ml
4) T n-Dodecane (C12)	6.549	3764865	35.800 ug/ml
5) T A~2-methylnaphthalene...	7.180	3920115	33.941 ug/ml
6) T n-Tetradecane (C14)	8.348	3728781	36.271 ug/ml
7) T n-Hexadecane (C16)	9.950	3656523	35.904 ug/ml
8) T n-Octadecane (C18)	11.394	3627329	36.045 ug/ml
10) T n-Eicosane (C20)	12.706	3708874	37.707 ug/ml
11) T n-Heneicosane (C21)	13.318	3553932	36.467 ug/ml
13) T n-Docosane (C22)	13.905	3533027	36.576 ug/ml
14) T n-Tetracosane (C24)	15.004	7421832	77.973 ug/ml
15) T n-Hexacosane (C26)	16.035	3470544	37.156 ug/ml
16) T n-Octacosane (C28)	16.985	3523330	38.482 ug/ml
17) T n-Tricontane (C30)	17.876	3523631	38.329 ug/ml
18) T n-Dotriacontane (C32)	18.709	3514455	38.314 ug/ml
19) T n-Tetratriacontane (C34)	19.494	3550017	39.736 ug/ml
20) T n-Hexatriacontane (C36)	20.236	3406020	38.023 ug/ml
21) T n-Octatriacontane (C38)	21.013	3363024	38.038 ug/ml
22) T n-Tetracontane (C40)	21.992	3320898	37.607 ug/ml

(f)=RT Delta > 1/2 Window

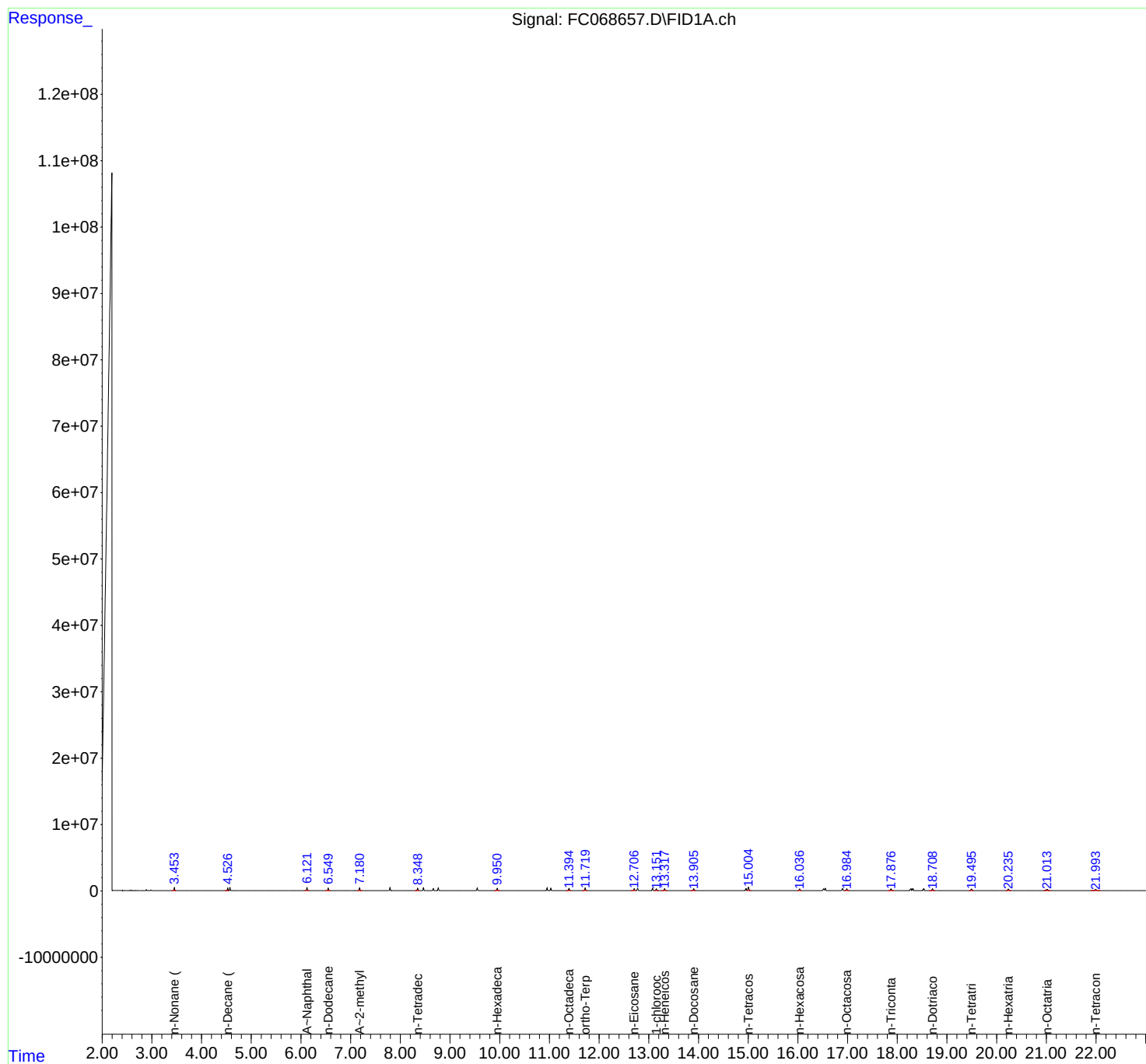
(m)=manual int.

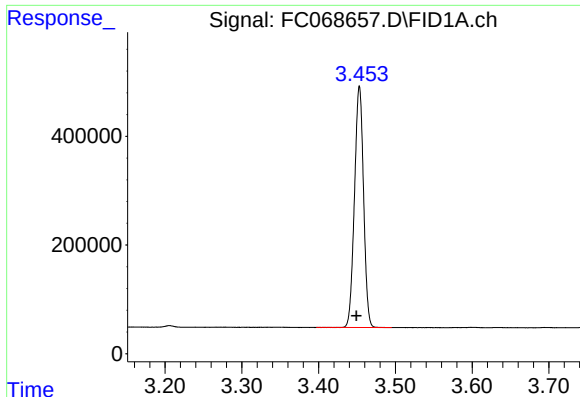
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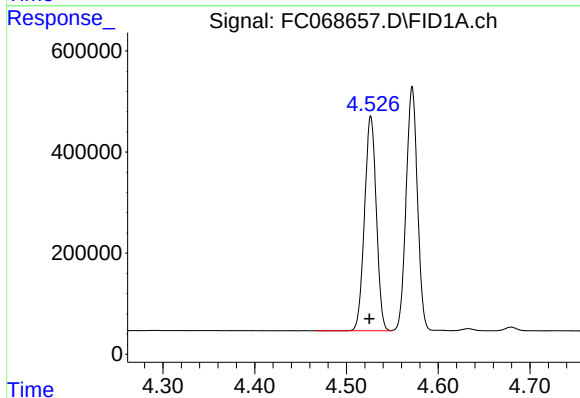




#1 n-Nonane (C9)

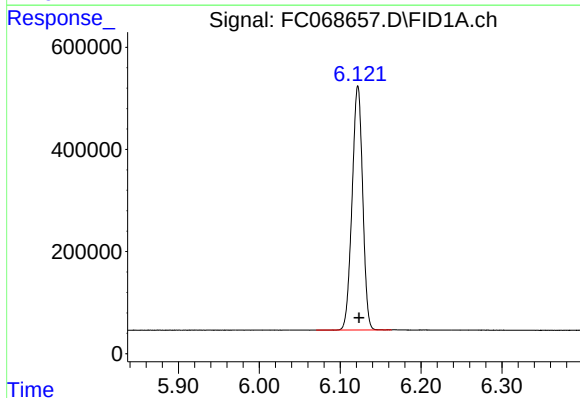
R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 3651745
Conc: 34.67 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



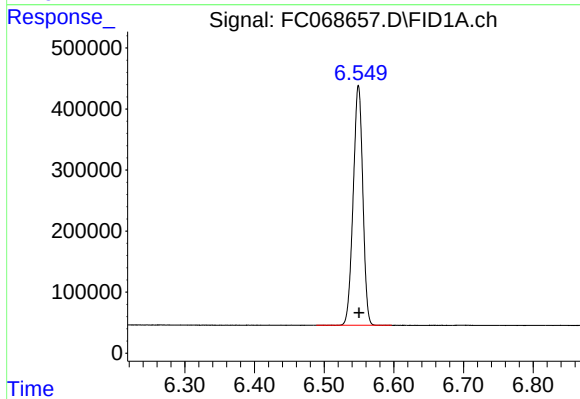
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 3779352
Conc: 35.87 ug/ml



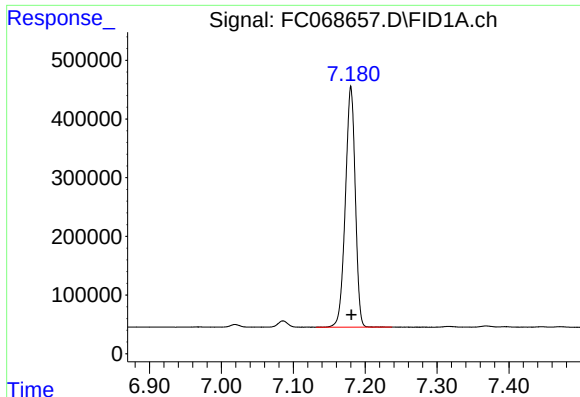
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 4345038
Conc: 37.31 ug/ml



#4 n-Dodecane (C12)

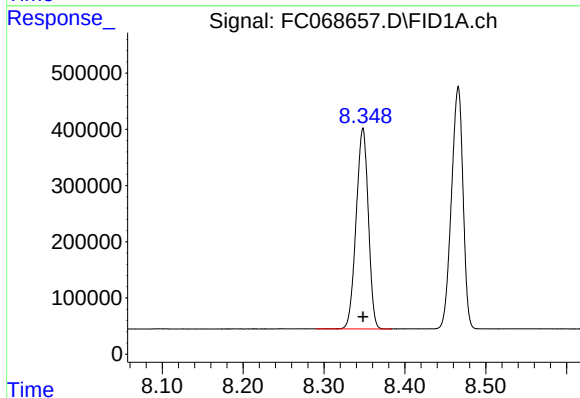
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 3764865
Conc: 35.80 ug/ml



#5 A~2-methylnaphthalene (C12.89)

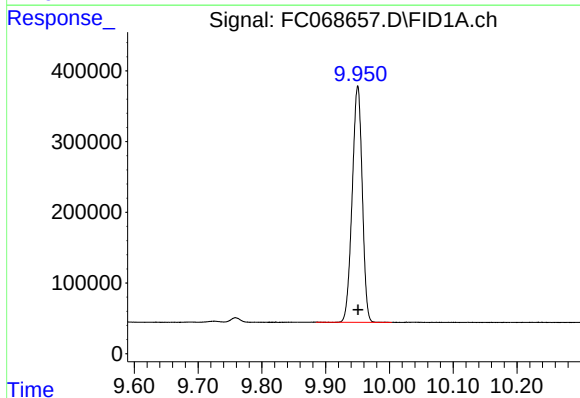
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3920115
Conc: 33.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



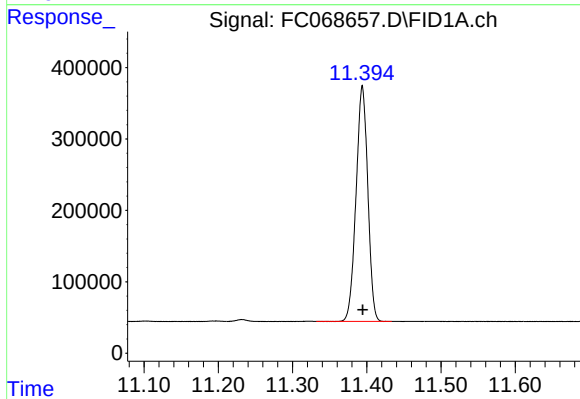
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3728781
Conc: 36.27 ug/ml



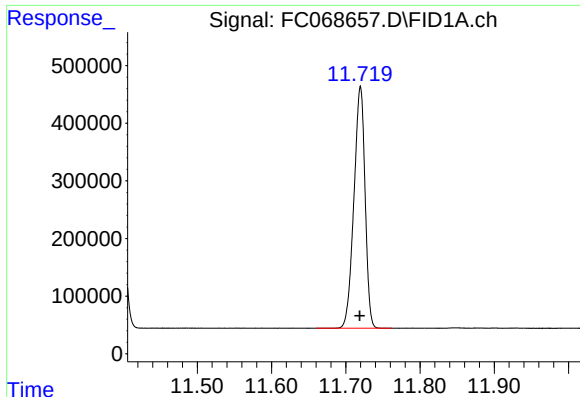
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 3656523
Conc: 35.90 ug/ml



#8 n-Octadecane (C18)

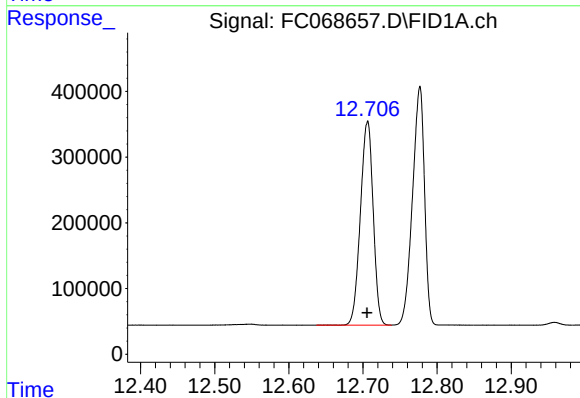
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 3627329
Conc: 36.05 ug/ml



#9 ortho-Terphenyl (SURR)

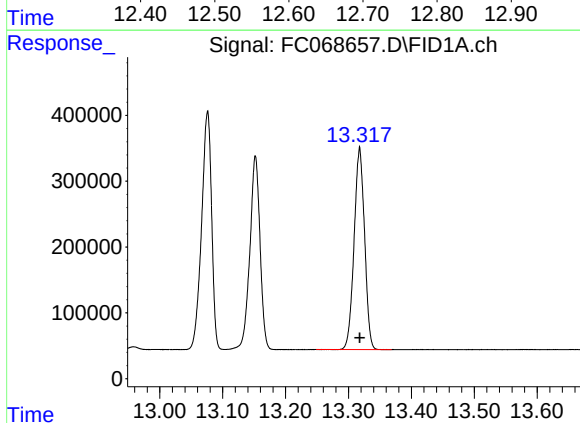
R.T.: 11.720 min
Delta R.T.: 0.000 min
Response: 4372952
Conc: 34.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



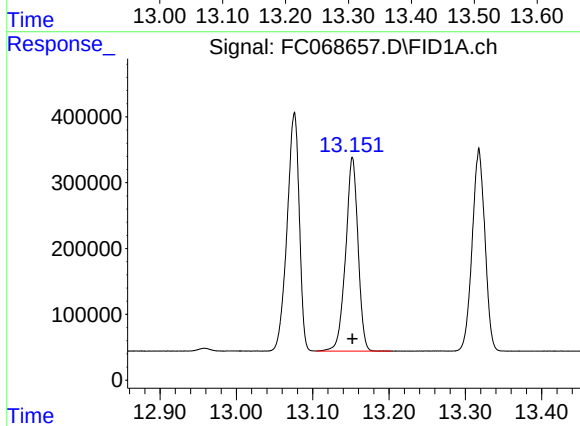
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3708874
Conc: 37.71 ug/ml



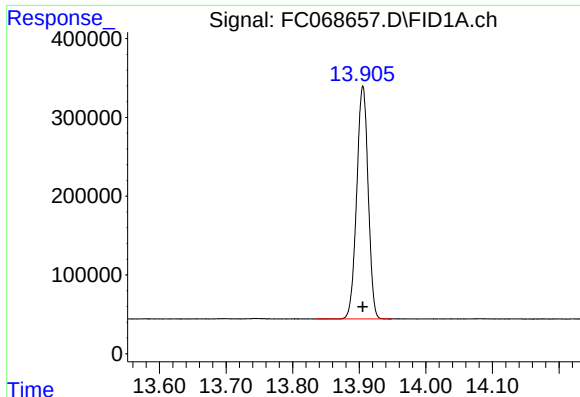
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 3553932
Conc: 36.47 ug/ml



#12 1-chlorooctadecane (SURR)

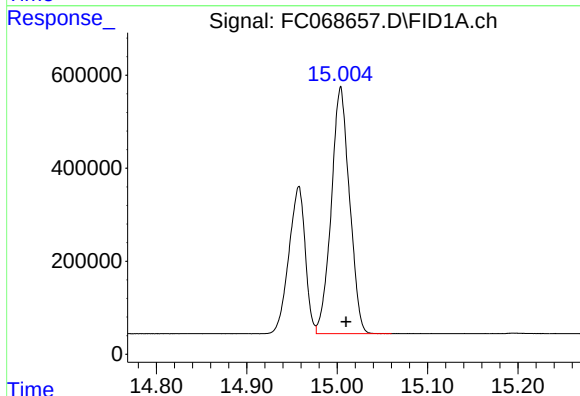
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3322060
Conc: 35.76 ug/ml



#13 n-Docosane (C22)

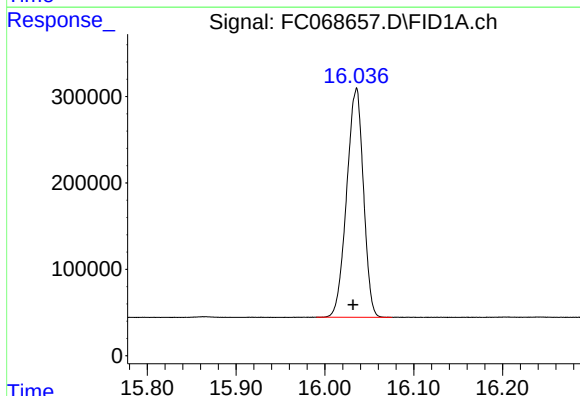
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 3533027
Conc: 36.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



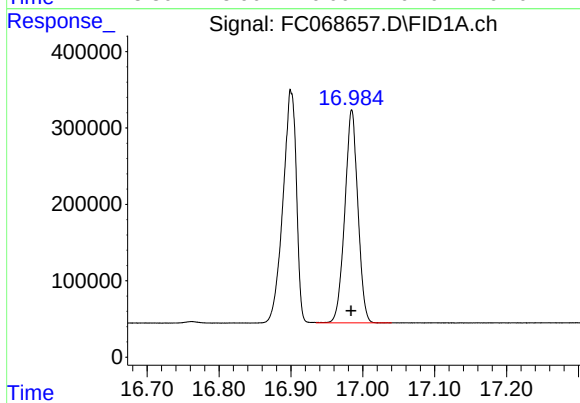
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.006 min
Response: 7421832
Conc: 77.97 ug/ml



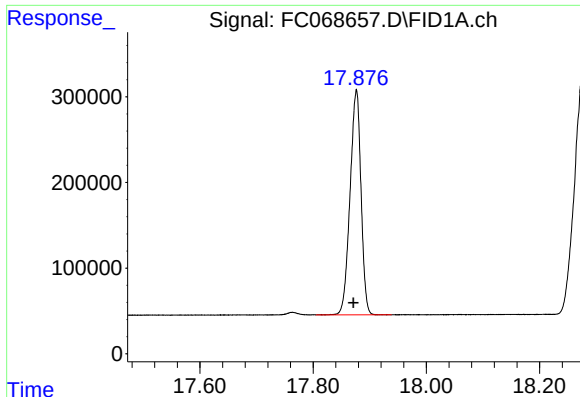
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 3470544
Conc: 37.16 ug/ml



#16 n-Octacosane (C28)

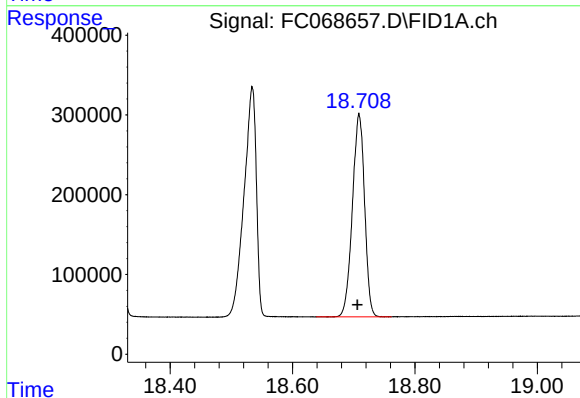
R.T.: 16.985 min
Delta R.T.: 0.001 min
Response: 3523330
Conc: 38.48 ug/ml



#17 n-Tricontane (C30)

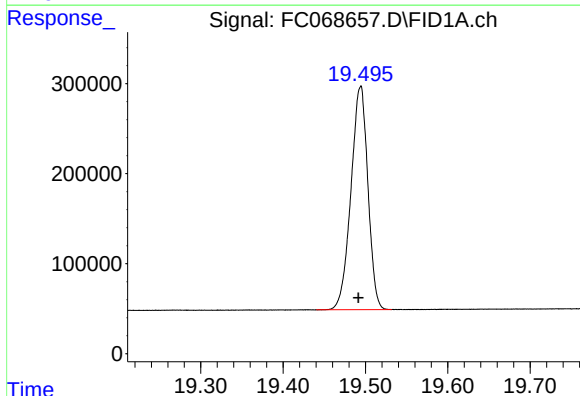
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 3523631
Conc: 38.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



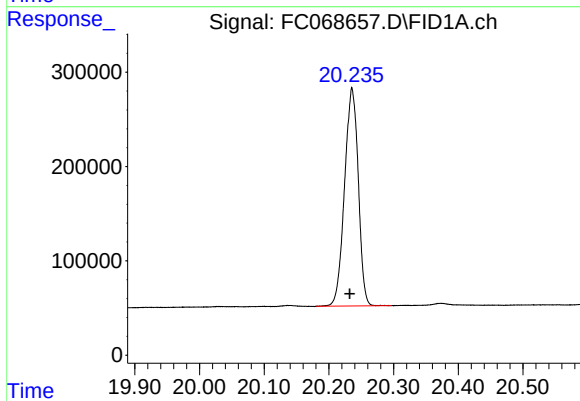
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 3514455
Conc: 38.31 ug/ml



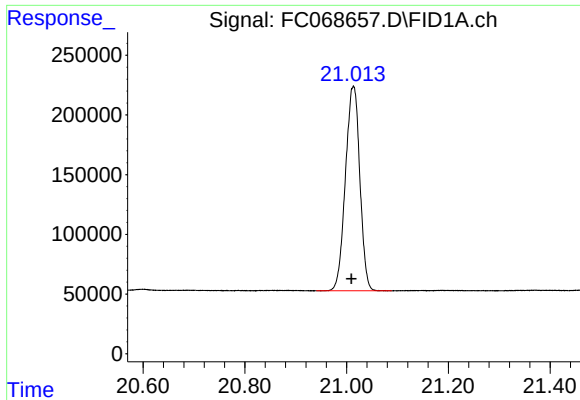
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.002 min
Response: 3550017
Conc: 39.74 ug/ml



#20 n-Hexatriacontane (C36)

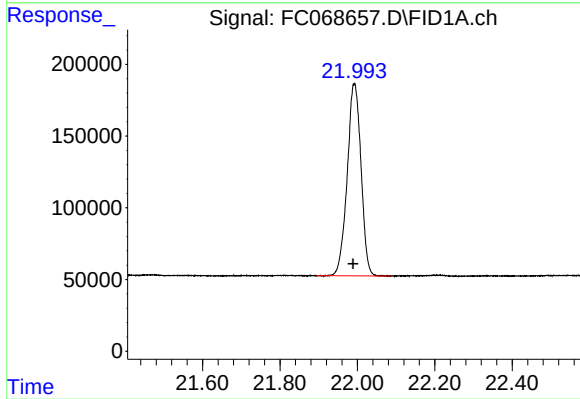
R.T.: 20.236 min
Delta R.T.: 0.004 min
Response: 3406020
Conc: 38.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 3363024
Conc: 38.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BS



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.003 min
Response: 3320898
Conc: 37.61 ug/ml