

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050125AL\
 Data File : FC068731.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2025 14:07
 Operator : YP/AJ
 Sample : PB167819BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167819BS

Integration File: autoint1.e
 Quant Time: May 02 03:32:56 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)	11.716	4554959	35.771 ug/ml
Spiked Amount 50.000		Recovery =	71.54%
12) S 1-chlorooctadecane (S...	13.148	3416200	36.775 ug/ml
Spiked Amount 50.000		Recovery =	73.55%
Target Compounds			
1) T n-Nonane (C9)	3.452	4325454	41.068 ug/ml
2) T n-Decane (C10)	4.525	4586531	43.532 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5395724	46.331 ug/ml
4) T n-Dodecane (C12)	6.547	4610761	43.844 ug/ml
5) T A~2-methylnaphthalene...	7.177	4873422	42.195 ug/ml
6) T n-Tetradecane (C14)	8.346	4515772	43.926 ug/ml
7) T n-Hexadecane (C16)	9.948	4368163	42.892 ug/ml
8) T n-Octadecane (C18)	11.392	4284650	42.577 ug/ml
10) T n-Eicosane (C20)	12.703	4360396	44.331 ug/ml
11) T n-Heneicosane (C21)	13.316	4174704	42.836 ug/ml
13) T n-Docosane (C22)	13.903	4154832	43.013 ug/ml
14) T n-Tetracosane (C24)	15.001	8968563	94.223 ug/ml
15) T n-Hexacosane (C26)	16.033	4140554	44.329 ug/ml
16) T n-Octacosane (C28)	16.983	4236496	46.271 ug/ml
17) T n-Tricontane (C30)	17.871	4261415	46.354 ug/ml
18) T n-Dotriacontane (C32)	18.706	4272919	46.582 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4348900	48.679 ug/ml
20) T n-Hexatriacontane (C36)	20.232	4246663	47.407 ug/ml
21) T n-Octatriacontane (C38)	21.009	4346292	49.159 ug/ml
22) T n-Tetracontane (C40)	21.989	4506484	51.033 ug/ml

(f)=RT Delta > 1/2 Window

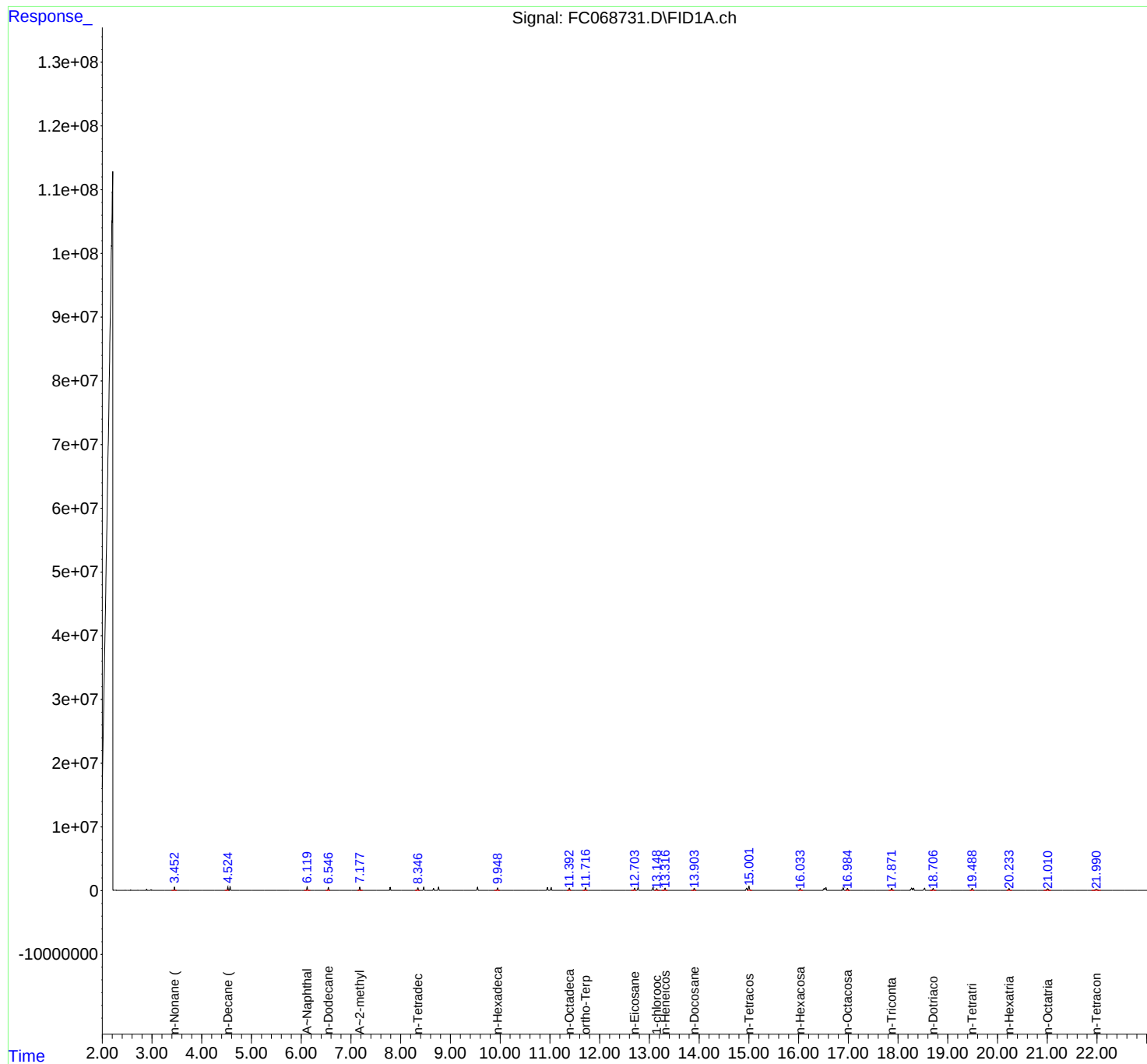
(m)=manual int.

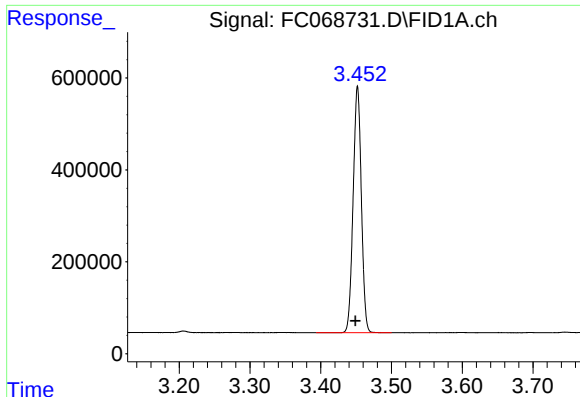
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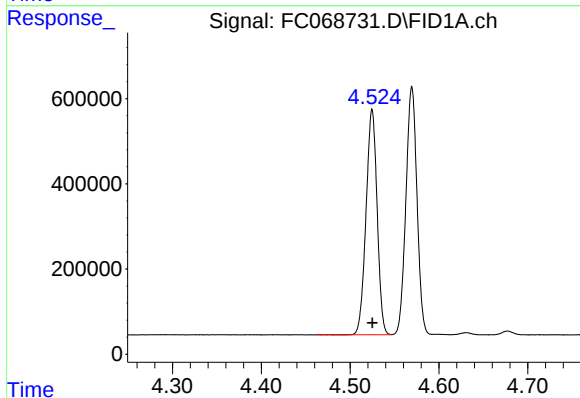




#1 n-Nonane (C9)

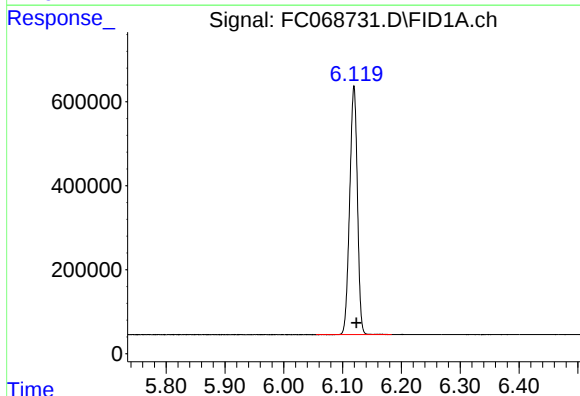
R.T.: 3.452 min
Delta R.T.: 0.003 min
Response: 4325454
Conc: 41.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



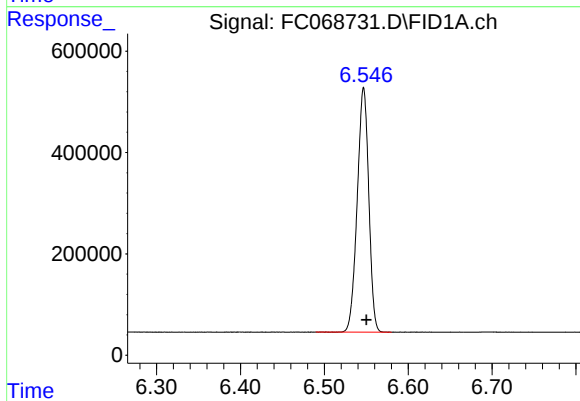
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 4586531
Conc: 43.53 ug/ml



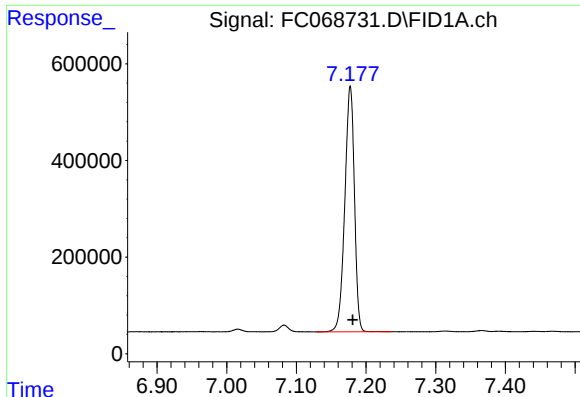
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 5395724
Conc: 46.33 ug/ml



#4 n-Dodecane (C12)

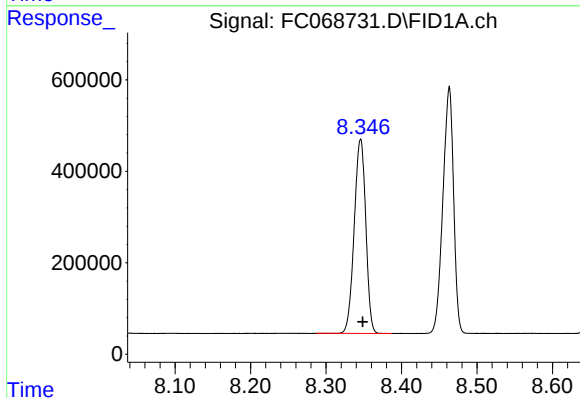
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 4610761
Conc: 43.84 ug/ml



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

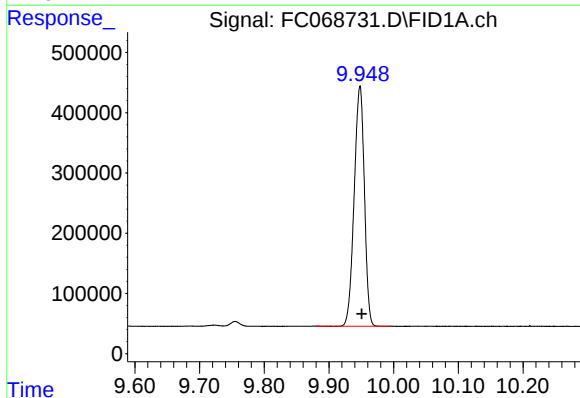
R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 4873422
Conc: 42.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



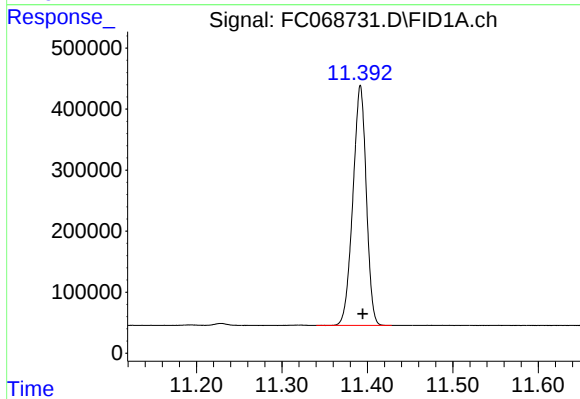
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 4515772
Conc: 43.93 ug/ml



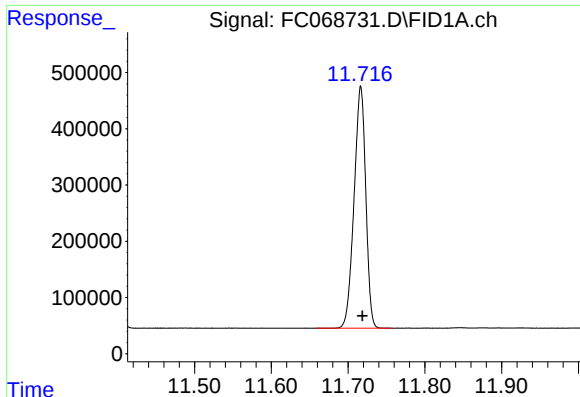
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 4368163
Conc: 42.89 ug/ml



#8 n-Octadecane (C18)

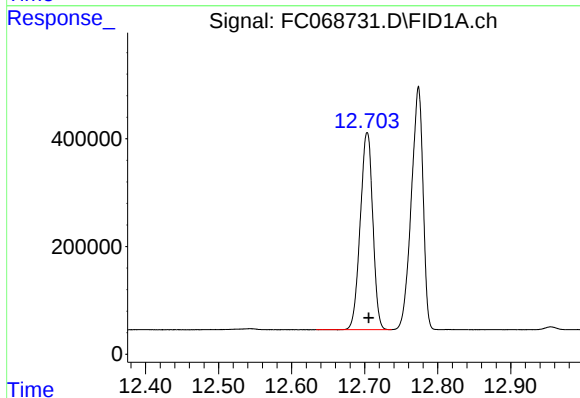
R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 4284650
Conc: 42.58 ug/ml



#9 ortho-Terphenyl (SURR)

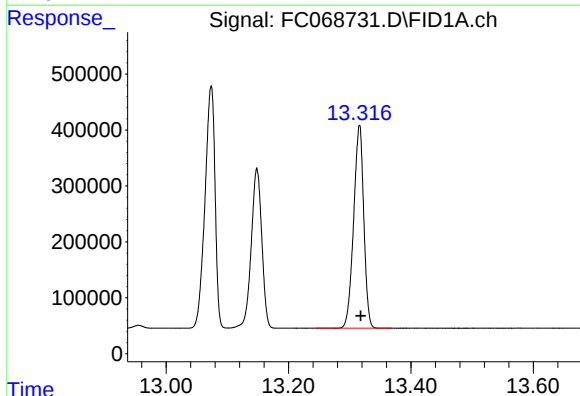
R.T.: 11.716 min
Delta R.T.: -0.002 min
Response: 4554959
Conc: 35.77 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



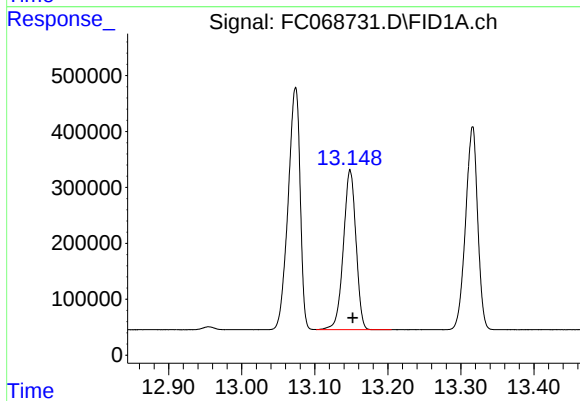
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.002 min
Response: 4360396
Conc: 44.33 ug/ml



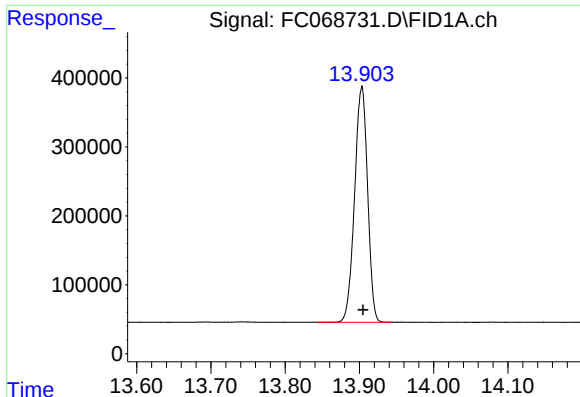
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 4174704
Conc: 42.84 ug/ml



#12 1-chlorooctadecane (SURR)

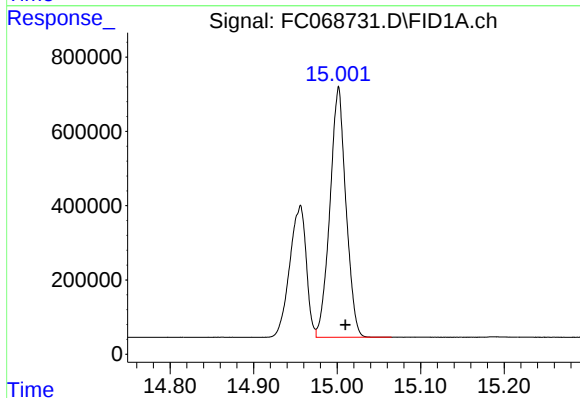
R.T.: 13.148 min
Delta R.T.: -0.003 min
Response: 3416200
Conc: 36.78 ug/ml



#13 n-Docosane (C22)

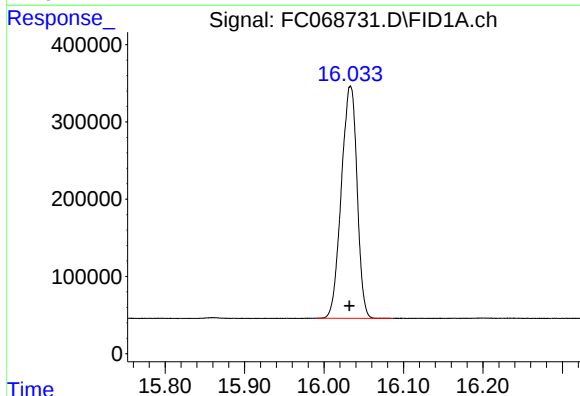
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 4154832
Conc: 43.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



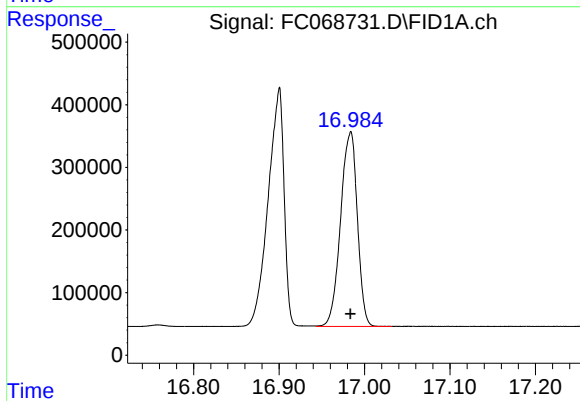
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: -0.009 min
Response: 8968563
Conc: 94.22 ug/ml



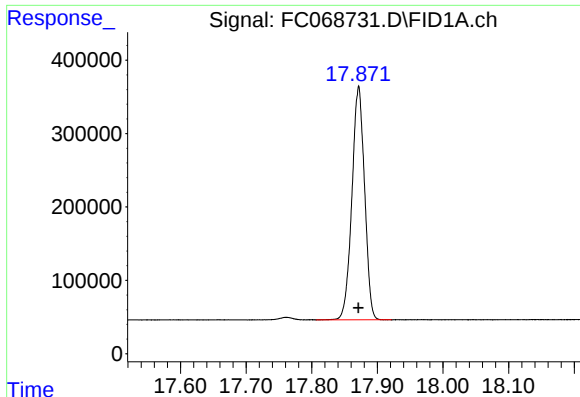
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: 0.001 min
Response: 4140554
Conc: 44.33 ug/ml



#16 n-Octacosane (C28)

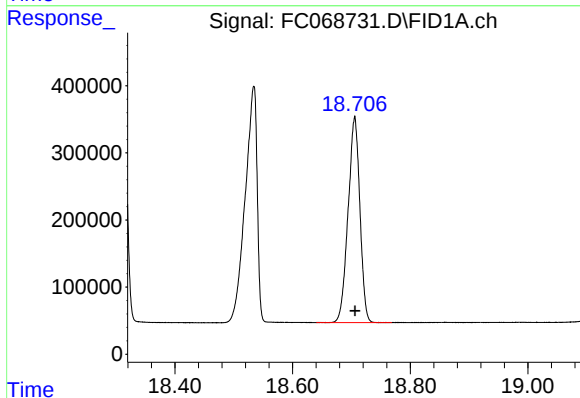
R.T.: 16.983 min
Delta R.T.: 0.000 min
Response: 4236496
Conc: 46.27 ug/ml



#17 n-Tricontane (C30)

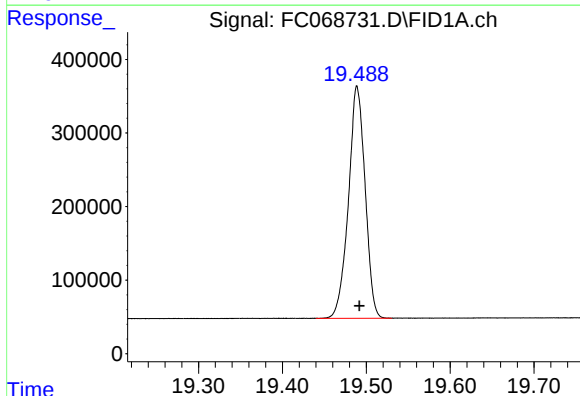
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4261415
Conc: 46.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



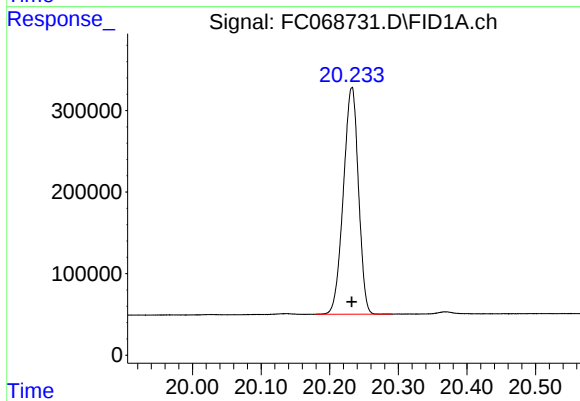
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 4272919
Conc: 46.58 ug/ml



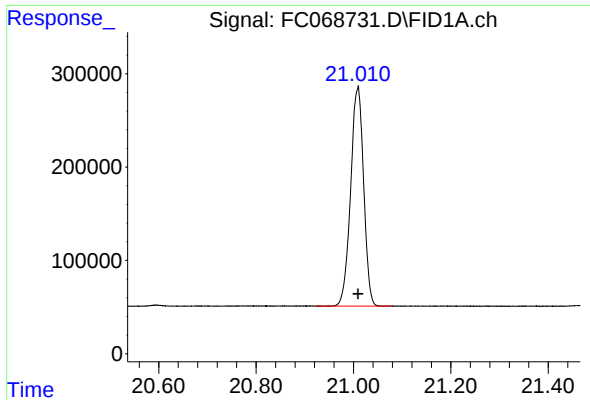
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.002 min
Response: 4348900
Conc: 48.68 ug/ml



#20 n-Hexatriacontane (C36)

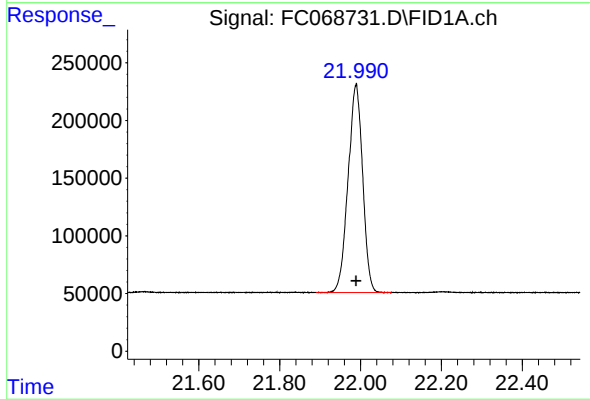
R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 4246663
Conc: 47.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 4346292
Conc: 49.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167819BS



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 4506484
Conc: 51.03 ug/ml