

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051225AL\
 Data File : FC068828.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 13:51
 Operator : YP/AJ
 Sample : PB167945BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167945BS

Integration File: sample.E
 Quant Time: May 13 07:41:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4784067	41.914 ug/ml
Spiked Amount 50.000		Recovery =	83.83%
12) S 1-chlorooctadecane (S...	13.141	3693627	46.040 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
Target Compounds			
1) T n-Nonane (C9)	3.447	4396905	43.715 ug/ml
2) T n-Decane (C10)	4.520	4890104	49.077 ug/ml
3) T A~Naphthalene (C11.7)	6.113	6006094	54.471 ug/ml
4) T n-Dodecane (C12)	6.542	5312257	54.665 ug/ml
5) T A~2-methylnaphthalene...	7.172	5506716	51.305 ug/ml
6) T n-Tetradecane (C14)	8.341	5358353	57.975 ug/ml
7) T n-Hexadecane (C16)	9.941	5240480	58.524 ug/ml
8) T n-Octadecane (C18)	11.385	5146538	58.671 ug/ml
10) T n-Eicosane (C20)	12.696	5205984	61.090 ug/ml
11) T n-Heneicosane (C21)	13.308	4968081	58.902 ug/ml
13) T n-Docosane (C22)	13.895	4922881	58.845 ug/ml
14) T n-Tetracosane (C24)	14.991	10157000	122.069 ug/ml
15) T n-Hexacosane (C26)	16.022	4818415	58.156 ug/ml
16) T n-Octacosane (C28)	16.971	4885981	59.120 ug/ml
17) T n-Tricontane (C30)	17.860	4901015	57.923 ug/ml
18) T n-Dotriacontane (C32)	18.694	4906397	56.961 ug/ml
19) T n-Tetratriacontane (C34)	19.478	4996023	58.639 ug/ml
20) T n-Hexatriacontane (C36)	20.217	4843280	56.351 ug/ml
21) T n-Octatriacontane (C38)	20.993	4794838	57.161 ug/ml
22) T n-Tetracontane (C40)	21.968	4618462	56.353 ug/ml

(f)=RT Delta > 1/2 Window

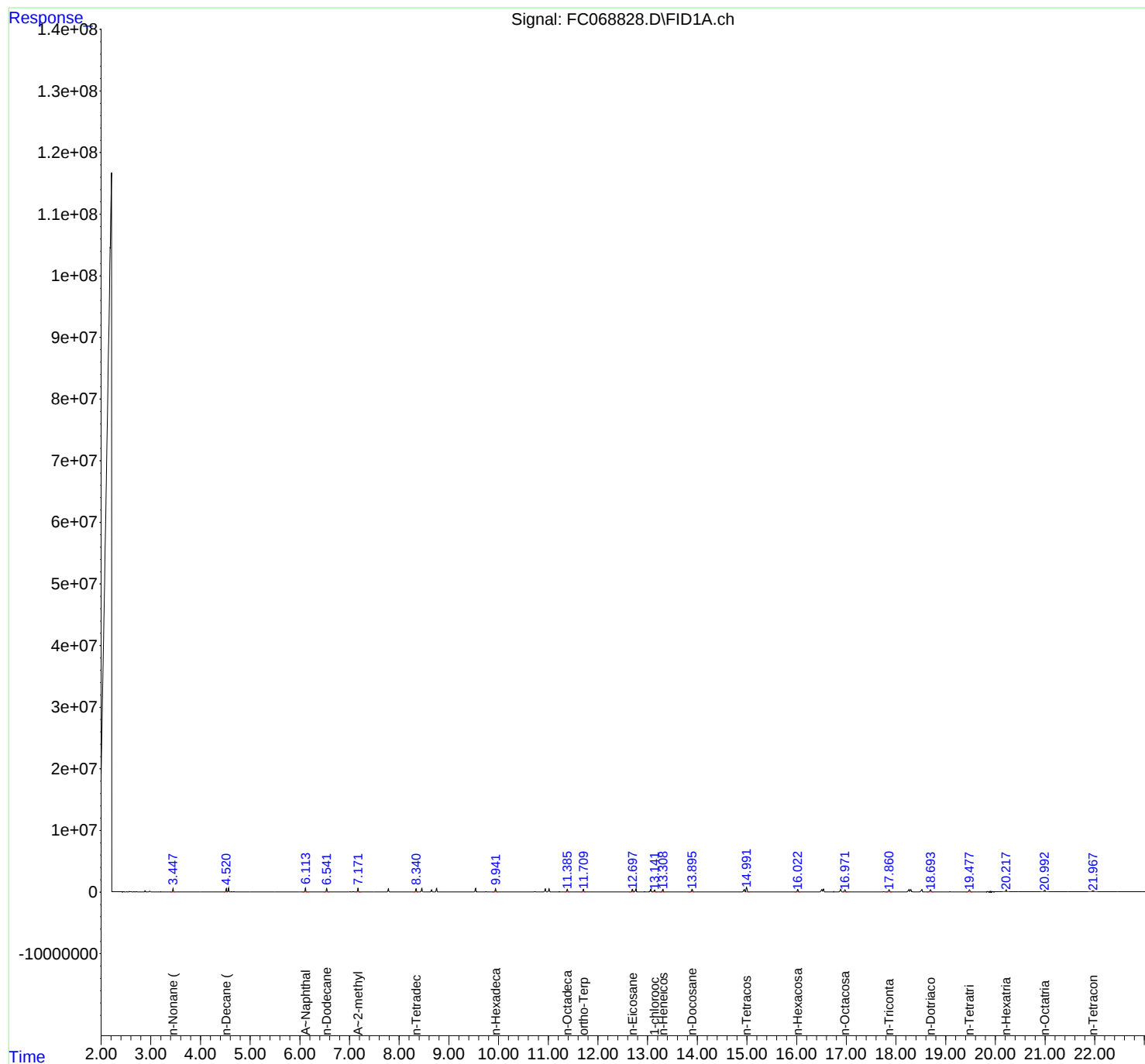
(m)=manual int.

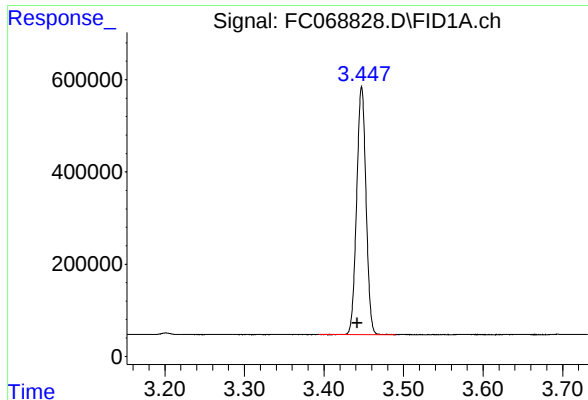
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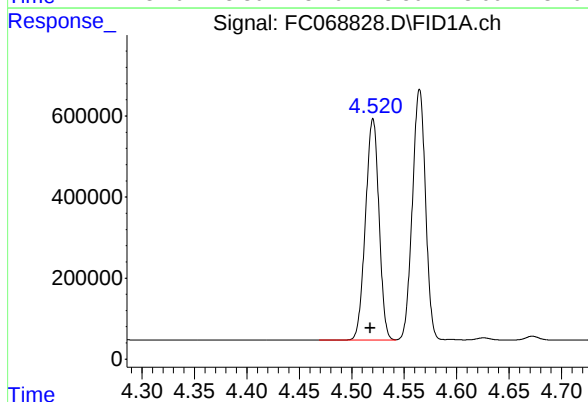




#1 n-Nonane (C9)

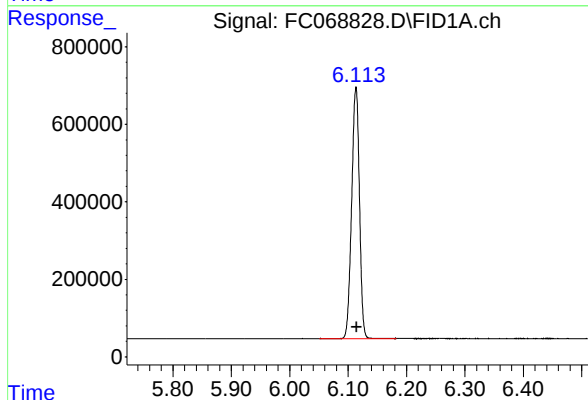
R.T.: 3.447 min
Delta R.T.: 0.005 min
Response: 4396905
Conc: 43.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



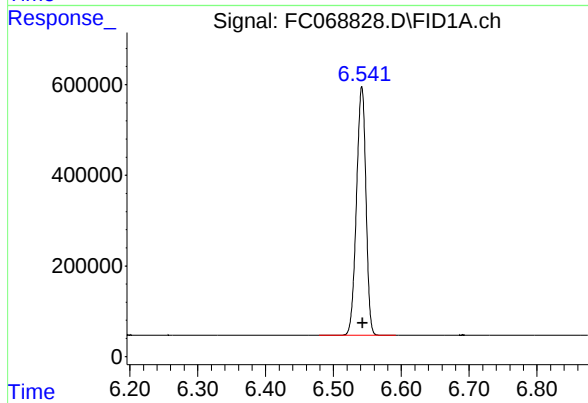
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.002 min
Response: 4890104
Conc: 49.08 ug/ml



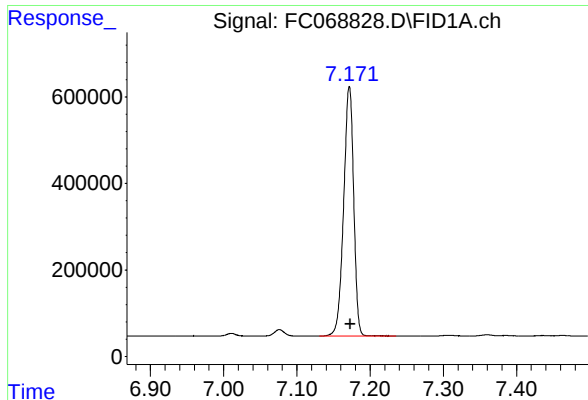
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 6006094
Conc: 54.47 ug/ml



#4 n-Dodecane (C12)

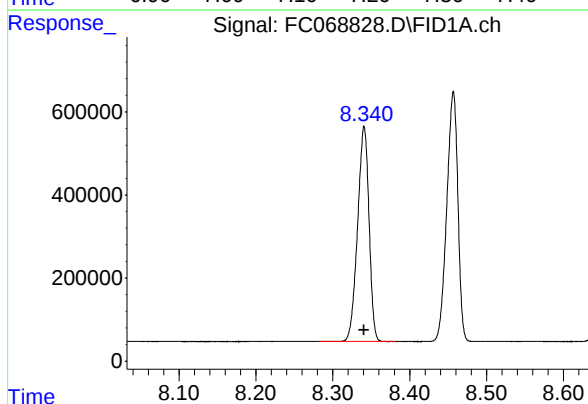
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 5312257
Conc: 54.67 ug/ml



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

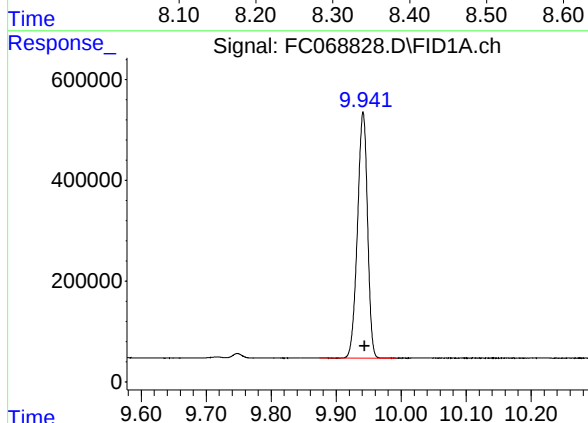
R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 5506716
Conc: 51.31 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



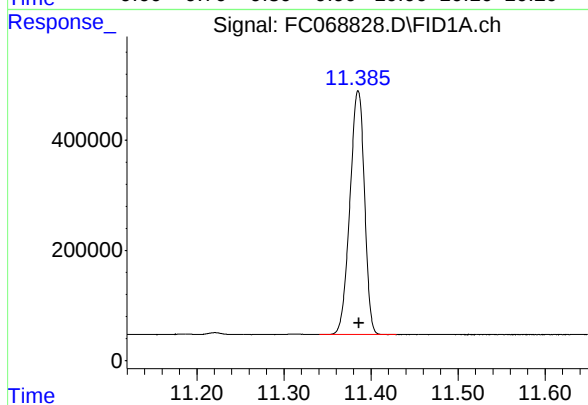
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 5358353
Conc: 57.98 ug/ml



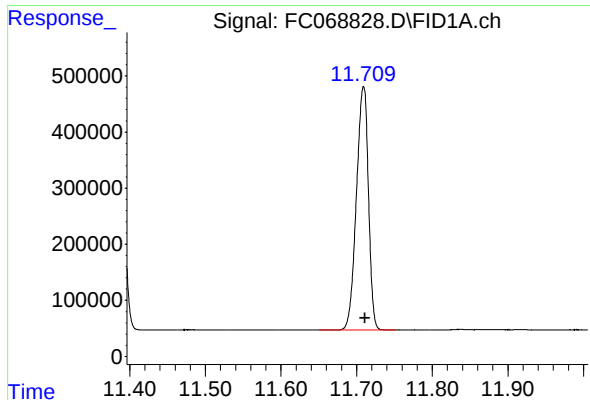
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 5240480
Conc: 58.52 ug/ml



#8 n-Octadecane (C18)

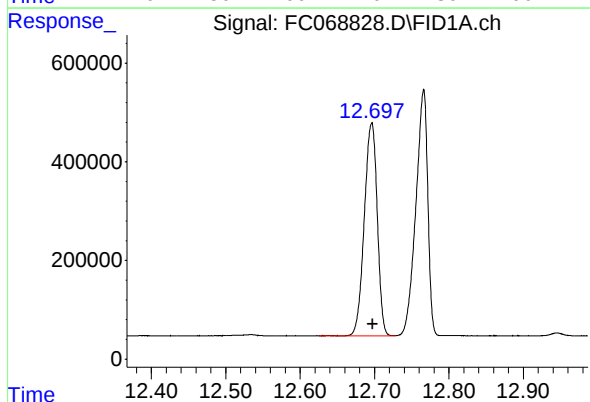
R.T.: 11.385 min
Delta R.T.: -0.001 min
Response: 5146538
Conc: 58.67 ug/ml



#9 ortho-Terphenyl (SURR)

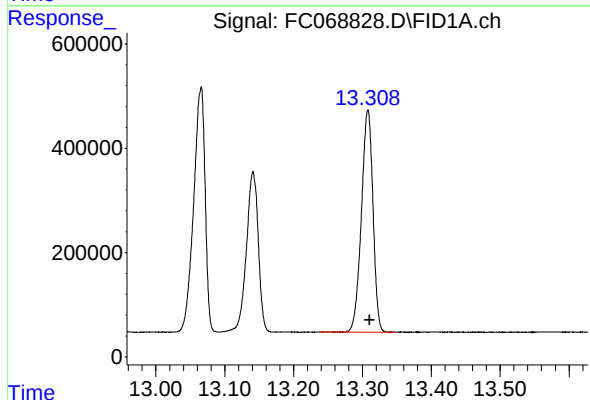
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4784067
Conc: 41.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



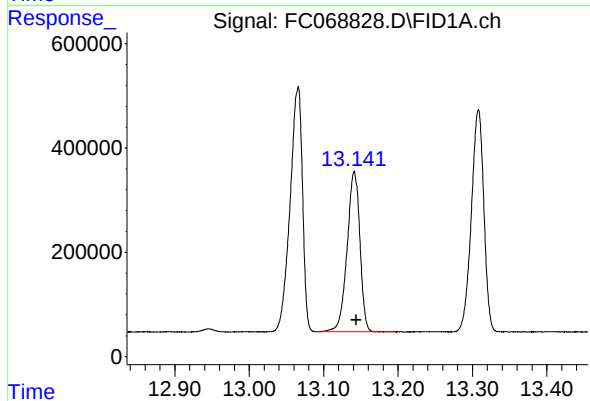
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.001 min
Response: 5205984
Conc: 61.09 ug/ml



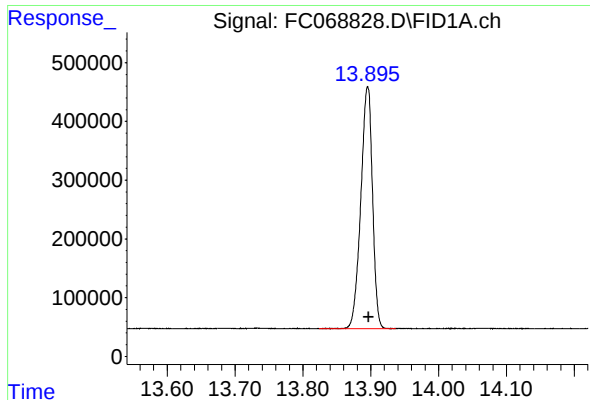
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 4968081
Conc: 58.90 ug/ml



#12 1-chlorooctadecane (SURR)

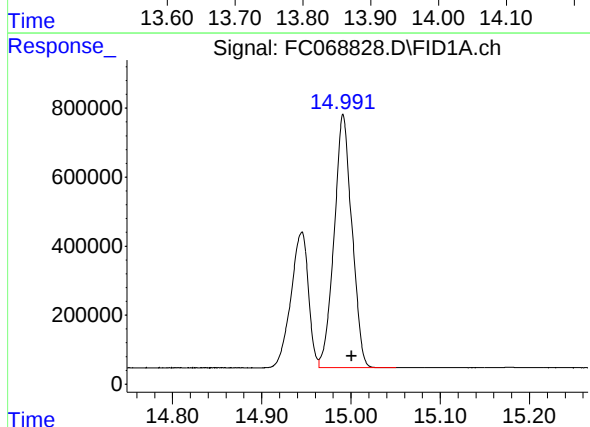
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3693627
Conc: 46.04 ug/ml



#13 n-Docosane (C22)

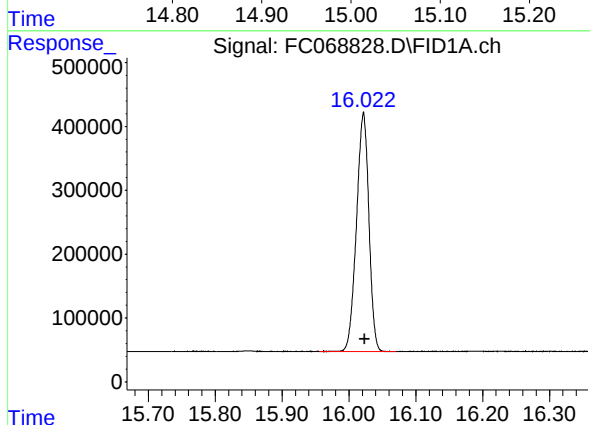
R.T.: 13.895 min
Delta R.T.: -0.002 min
Response: 4922881
Conc: 58.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



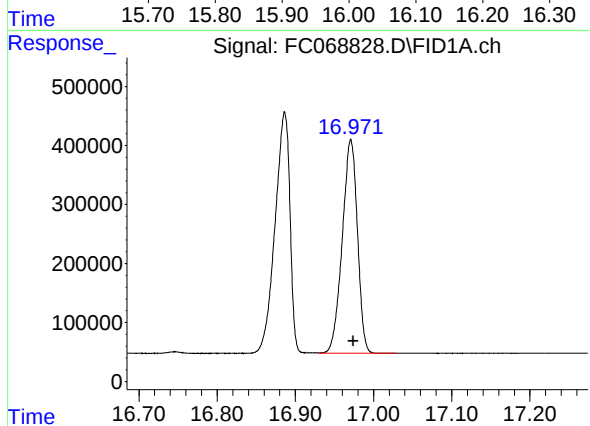
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.010 min
Response: 10157000
Conc: 122.07 ug/ml



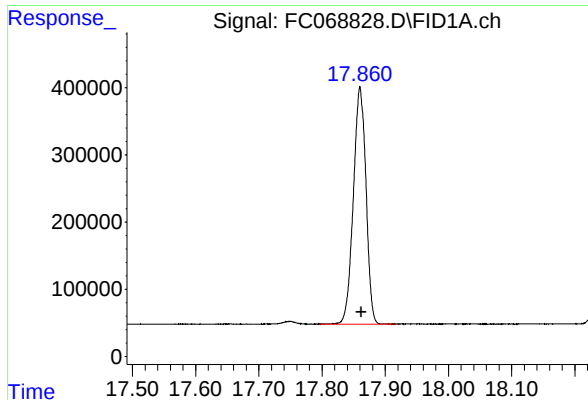
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 4818415
Conc: 58.16 ug/ml



#16 n-Octacosane (C28)

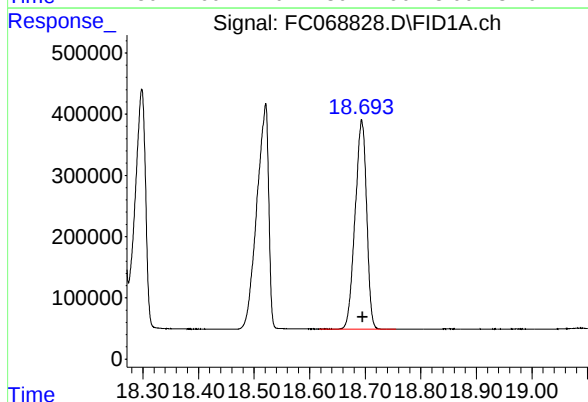
R.T.: 16.971 min
Delta R.T.: -0.003 min
Response: 4885981
Conc: 59.12 ug/ml



#17 n-Tricontane (C30)

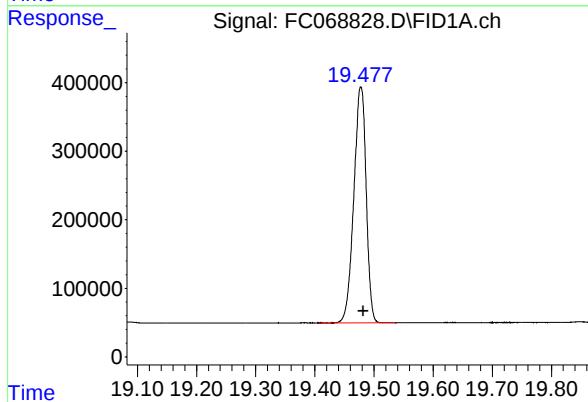
R.T.: 17.860 min
Delta R.T.: -0.002 min
Response: 4901015
Conc: 57.92 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



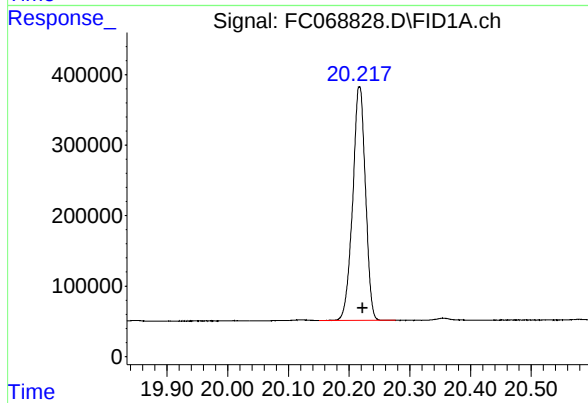
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.002 min
Response: 4906397
Conc: 56.96 ug/ml



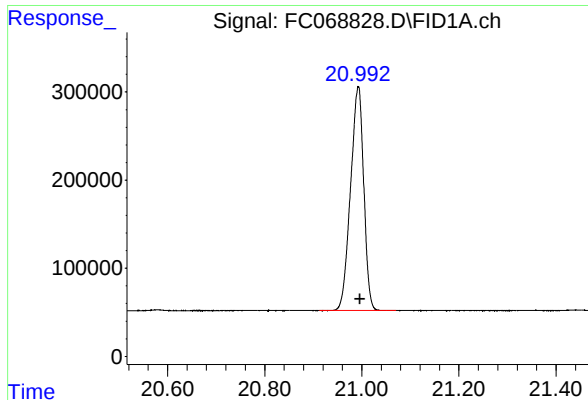
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.004 min
Response: 4996023
Conc: 58.64 ug/ml



#20 n-Hexatriacontane (C36)

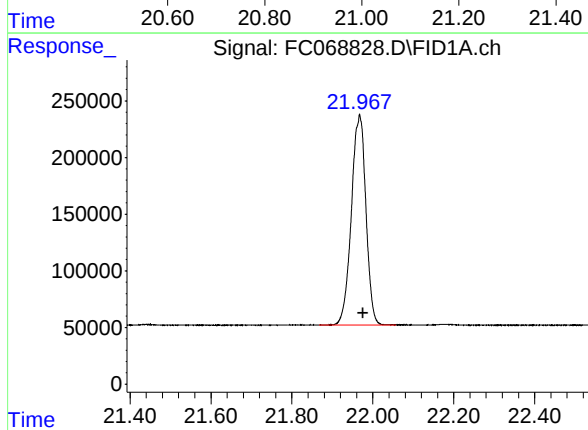
R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 4843280
Conc: 56.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.004 min
Response: 4794838
Conc: 57.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167945BS



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.008 min
Response: 4618462
Conc: 56.35 ug/ml