

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068916.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 15:18
 Operator : YP/AJ
 Sample : PB168051BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168051BS

Integration File: autoint1.e
 Quant Time: May 20 03:03:53 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)	11.711	4938733	43.269 ug/ml
Spiked Amount 50.000		Recovery =	86.54%
12) S 1-chlorooctadecane (S...	13.143	3789473	47.235 ug/ml
Spiked Amount 50.000		Recovery =	94.47%
Target Compounds			
1) T n-Nonane (C9)	3.453	5182324	51.524 ug/ml
2) T n-Decane (C10)	4.523	5378134	53.975 ug/ml
3) T A~Naphthalene (C11.7)	6.116	6023422	54.628 ug/ml
4) T n-Dodecane (C12)	6.543	5322320	54.769 ug/ml
5) T A~2-methylnaphthalene...	7.174	5395208	50.266 ug/ml
6) T n-Tetradecane (C14)	8.342	5223301	56.514 ug/ml
7) T n-Hexadecane (C16)	9.944	5057708	56.483 ug/ml
8) T n-Octadecane (C18)	11.387	4928082	56.181 ug/ml
10) T n-Eicosane (C20)	12.698	4950954	58.097 ug/ml
11) T n-Heneicosane (C21)	13.310	4710562	55.849 ug/ml
13) T n-Docosane (C22)	13.897	4652006	55.607 ug/ml
14) T n-Tetracosane (C24)	14.996	9385077	112.792 ug/ml
15) T n-Hexacosane (C26)	16.025	4472378	53.979 ug/ml
16) T n-Octacosane (C28)	16.973	4504638	54.505 ug/ml
17) T n-Tricontane (C30)	17.863	4477233	52.915 ug/ml
18) T n-Dotriacontane (C32)	18.696	4441286	51.562 ug/ml
19) T n-Tetratriacontane (C34)	19.481	4454401	52.282 ug/ml
20) T n-Hexatriacontane (C36)	20.221	4253258	49.486 ug/ml
21) T n-Octatriacontane (C38)	20.995	4173985	49.759 ug/ml
22) T n-Tetracontane (C40)	21.975	4035424	49.239 ug/ml

(f)=RT Delta > 1/2 Window

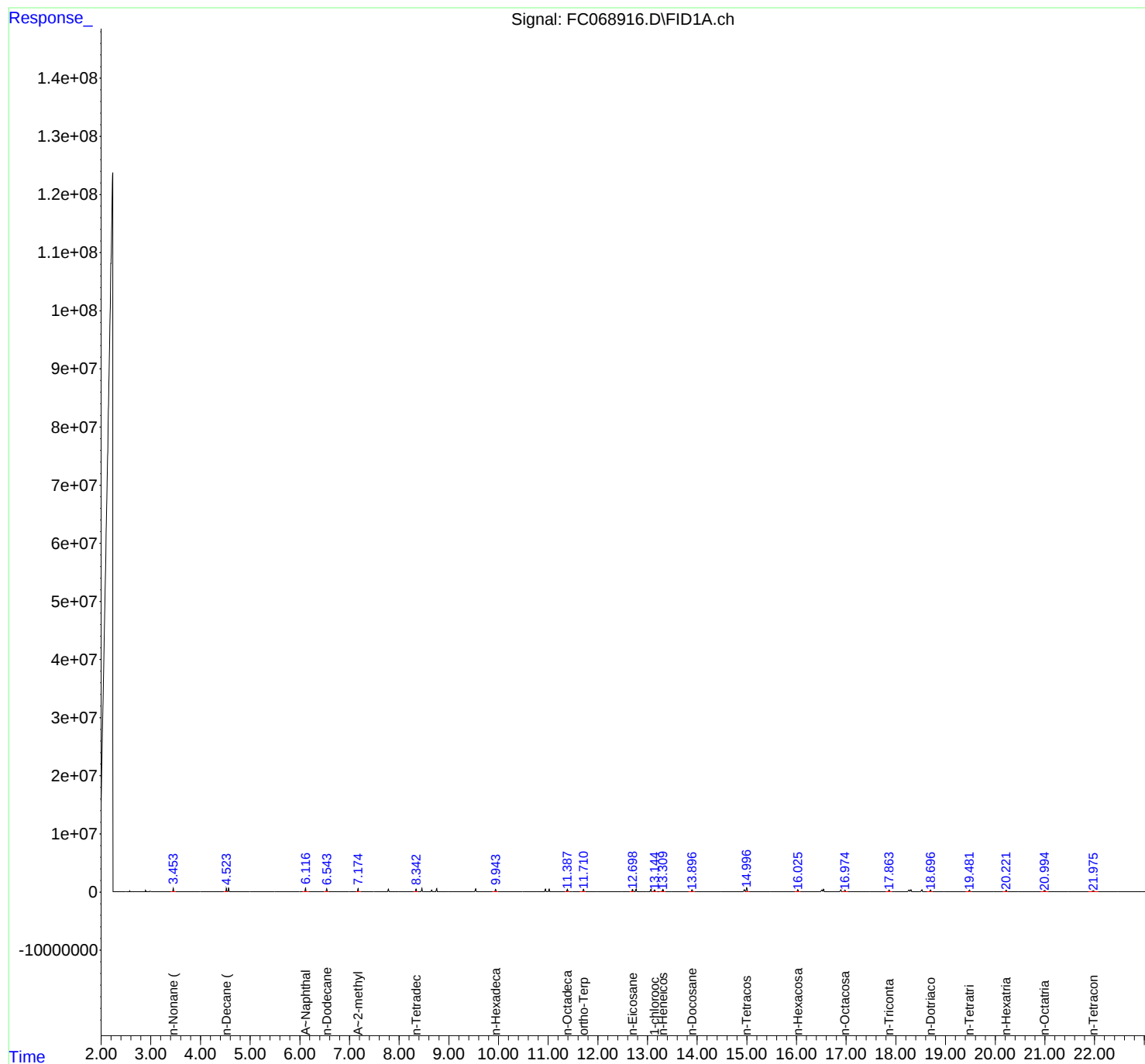
(m)=manual int.

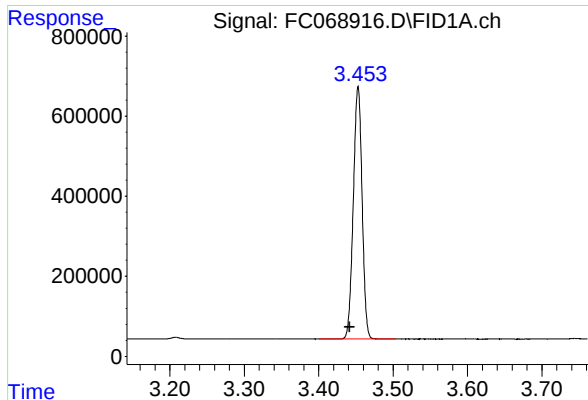
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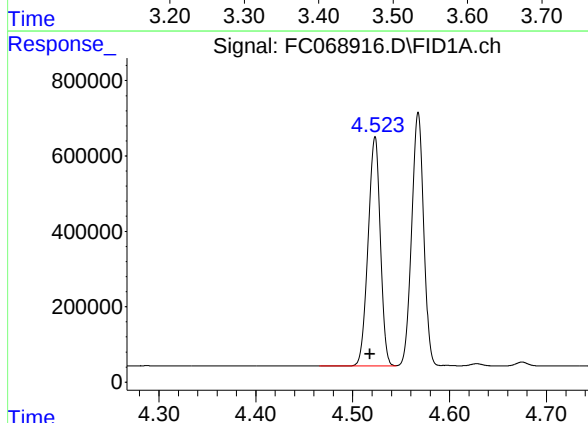




#1 n-Nonane (C9)

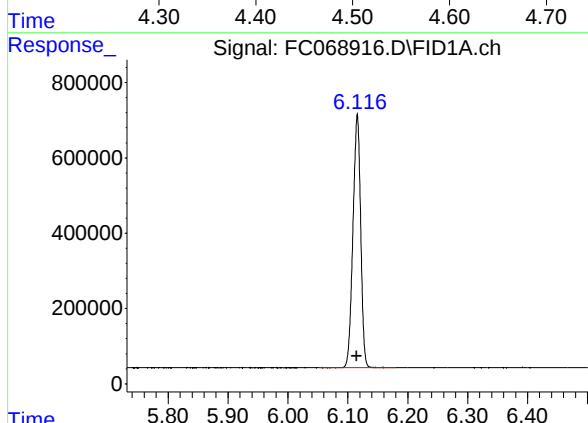
R.T.: 3.453 min
Delta R.T.: 0.011 min
Response: 5182324
Conc: 51.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BS



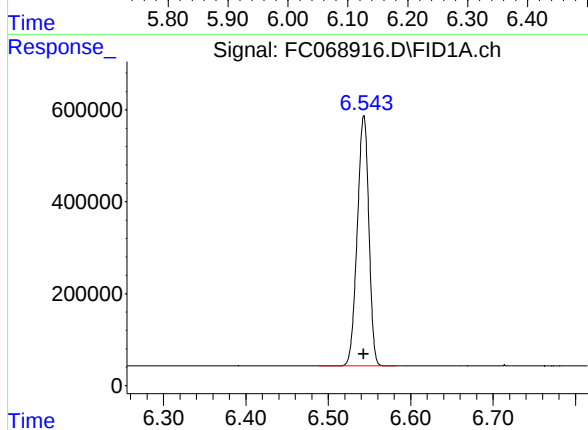
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.005 min
Response: 5378134
Conc: 53.97 ug/ml



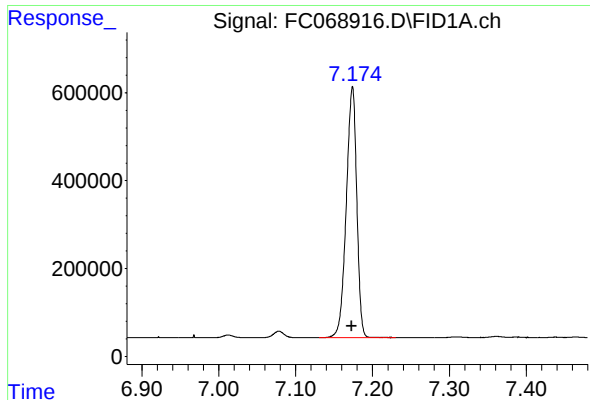
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 6023422
Conc: 54.63 ug/ml



#4 n-Dodecane (C12)

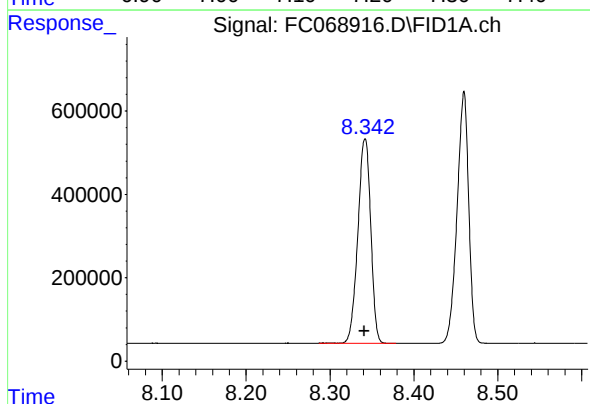
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 5322320
Conc: 54.77 ug/ml



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

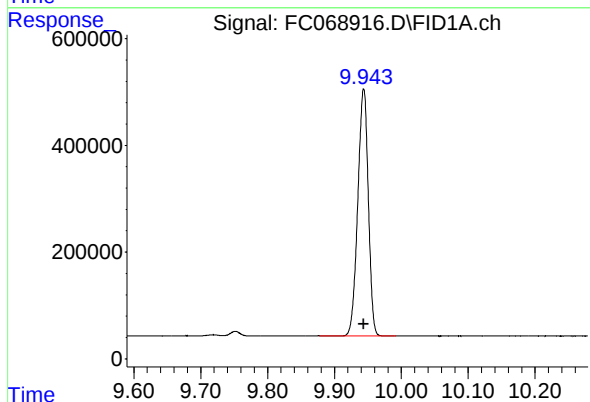
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 5395208
Conc: 50.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BS



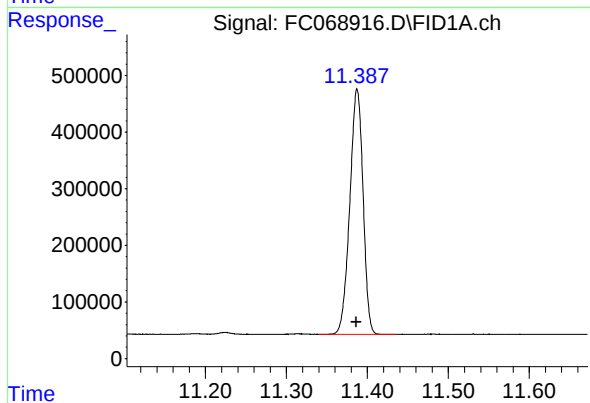
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 5223301
Conc: 56.51 ug/ml



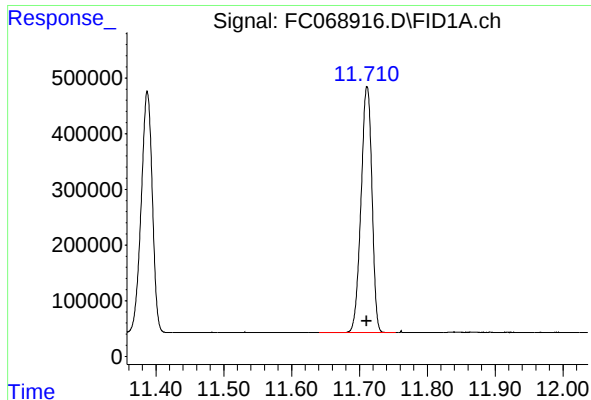
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 5057708
Conc: 56.48 ug/ml



#8 n-Octadecane (C18)

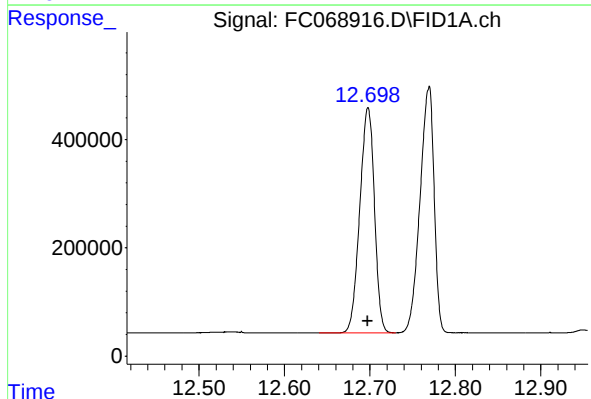
R.T.: 11.387 min
Delta R.T.: 0.001 min
Response: 4928082
Conc: 56.18 ug/ml



#9 ortho-Terphenyl (SURR)

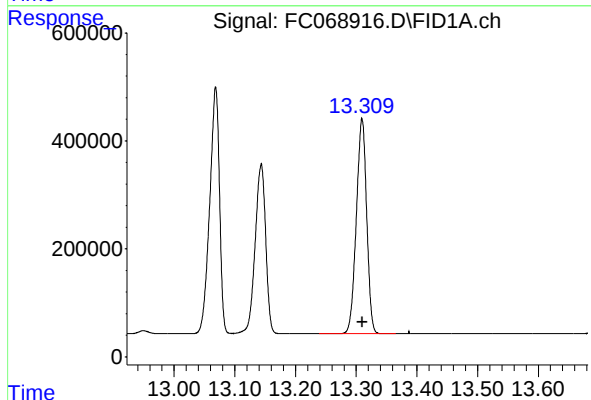
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 4938733
Conc: 43.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BS



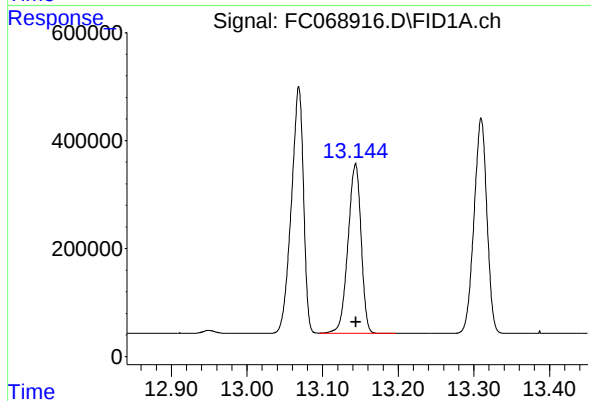
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 4950954
Conc: 58.10 ug/ml



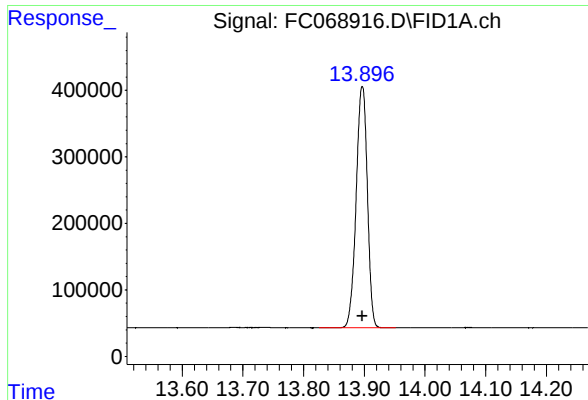
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4710562
Conc: 55.85 ug/ml



#12 1-chlorooctadecane (SURR)

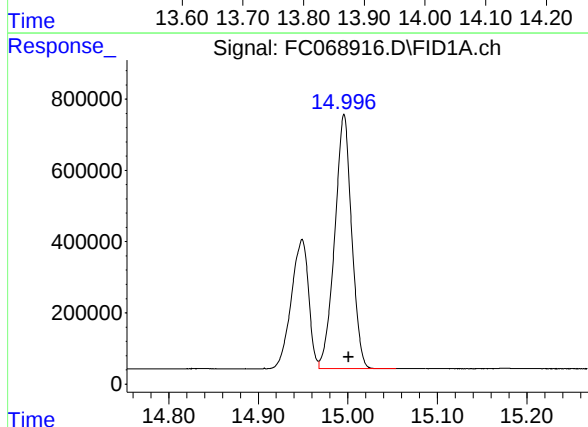
R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 3789473
Conc: 47.23 ug/ml



#13 n-Docosane (C22)

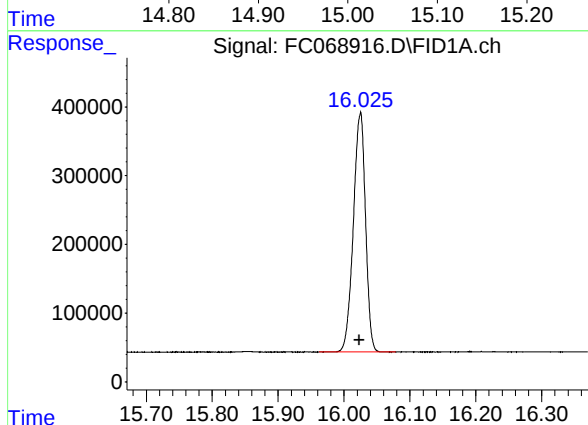
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 4652006
Conc: 55.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BS



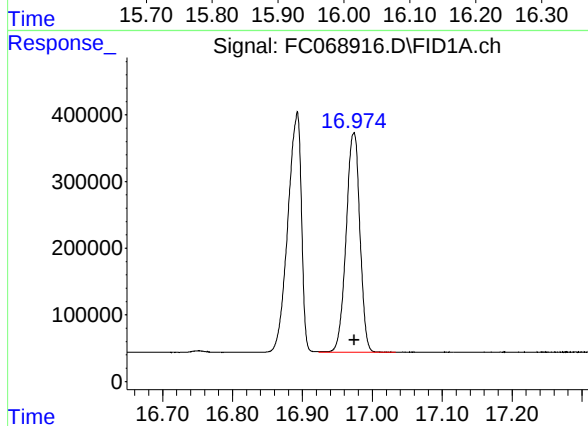
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.005 min
Response: 9385077
Conc: 112.79 ug/ml



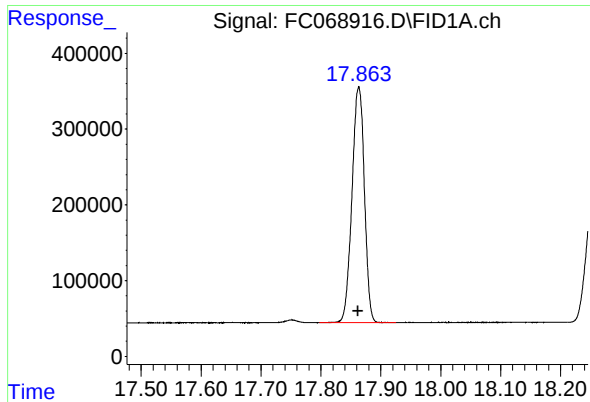
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.001 min
Response: 4472378
Conc: 53.98 ug/ml



#16 n-Octacosane (C28)

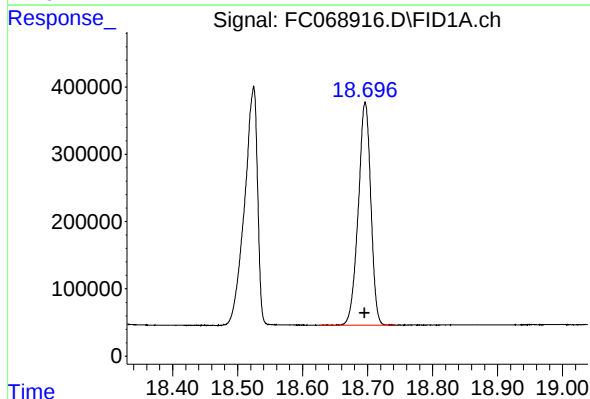
R.T.: 16.973 min
Delta R.T.: 0.000 min
Response: 4504638
Conc: 54.51 ug/ml



#17 n-Tricontane (C30)

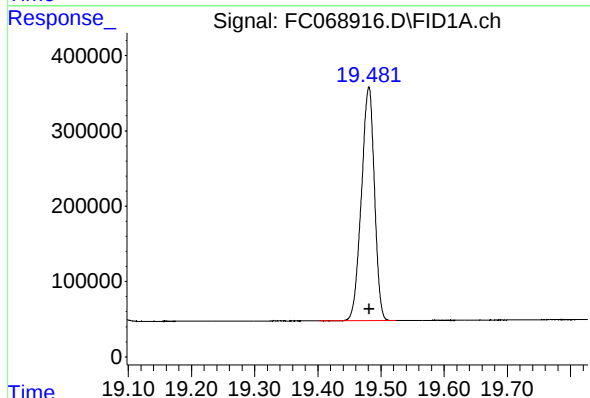
R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 4477233
Conc: 52.91 ug/ml

Instrument :
FID_C
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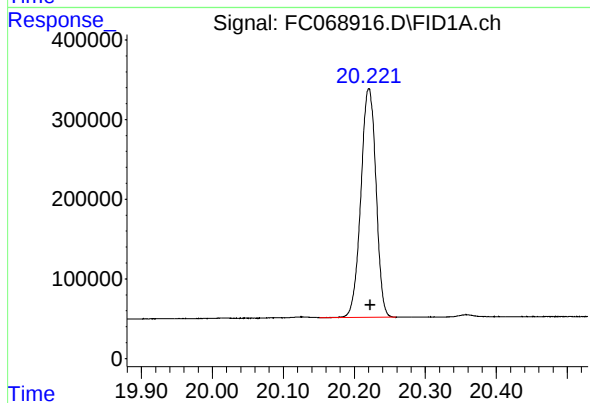
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 4441286
Conc: 51.56 ug/ml



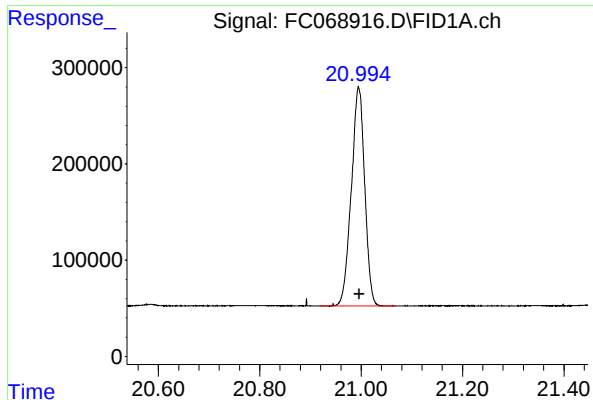
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.001 min
Response: 4454401
Conc: 52.28 ug/ml



#20 n-Hexatriacontane (C36)

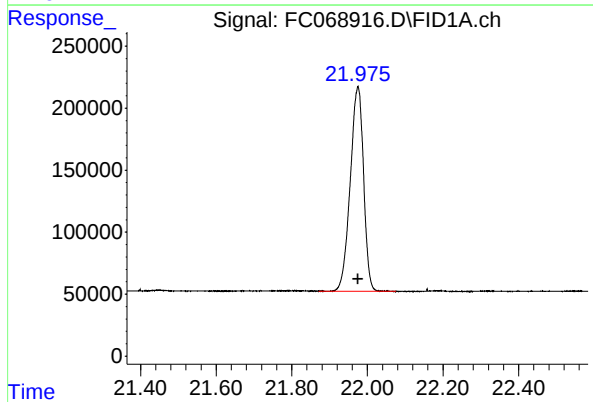
R.T.: 20.221 min
Delta R.T.: -0.002 min
Response: 4253258
Conc: 49.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.001 min
Response: 4173985
Conc: 49.76 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BS



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.000 min
Response: 4035424
Conc: 49.24 ug/ml