

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068491.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 19:00
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 15:49:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 15:41:07 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)	11.713	671418	5.207 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
12) S 1-chlorooctadecane (S...	13.146	476560	5.181 ug/ml
Spiked Amount 50.000		Recovery =	10.36%
Target Compounds			
1) T n-Nonane (C9)	3.449	575716	5.166 ug/ml
2) T n-Decane (C10)	4.457	666236	5.722 ug/ml
3) T A~Naphthalene (C11.7)	6.121	643451	5.145 ug/ml
4) T n-Dodecane (C12)	6.549	585398	5.176 ug/ml
5) T A~2-methylnaphthalene...	7.178	615511	5.143 ug/ml
6) T n-Tetradecane (C14)	8.345	582110	5.216 ug/ml
7) T n-Hexadecane (C16)	9.947	597037	5.222 ug/ml
8) T n-Octadecane (C18)	11.389	608753	5.309 ug/ml
10) T n-Eicosane (C20)	12.699	585838	5.356 ug/ml
11) T n-Heneicosane (C21)	13.312	558601	5.237 ug/ml
13) T n-Docosane (C22)	13.897	602914	5.584 ug/ml
14) T n-Tetracosane (C24)	15.002	689645	6.187 ug/ml
15) T n-Hexacosane (C26)	16.024	727762	6.543 ug/ml
16) T n-Octacosane (C28)	16.974	758512	6.850 ug/ml
17) T n-Tricontane (C30)	17.862	747589	6.763 ug/ml
18) T n-Dotriacontane (C32)	18.695	682032	6.552 ug/ml
19) T n-Tetratriacontane (C34)	19.479	514685	5.732 ug/ml
20) T n-Hexatriacontane (C36)	20.220	386018	5.156 ug/ml
21) T n-Octatriacontane (C38)	20.992	287493	4.598 ug/ml
22) T n-Tetracontane (C40)	21.969	181436	3.883 ug/ml

(f)=RT Delta > 1/2 Window

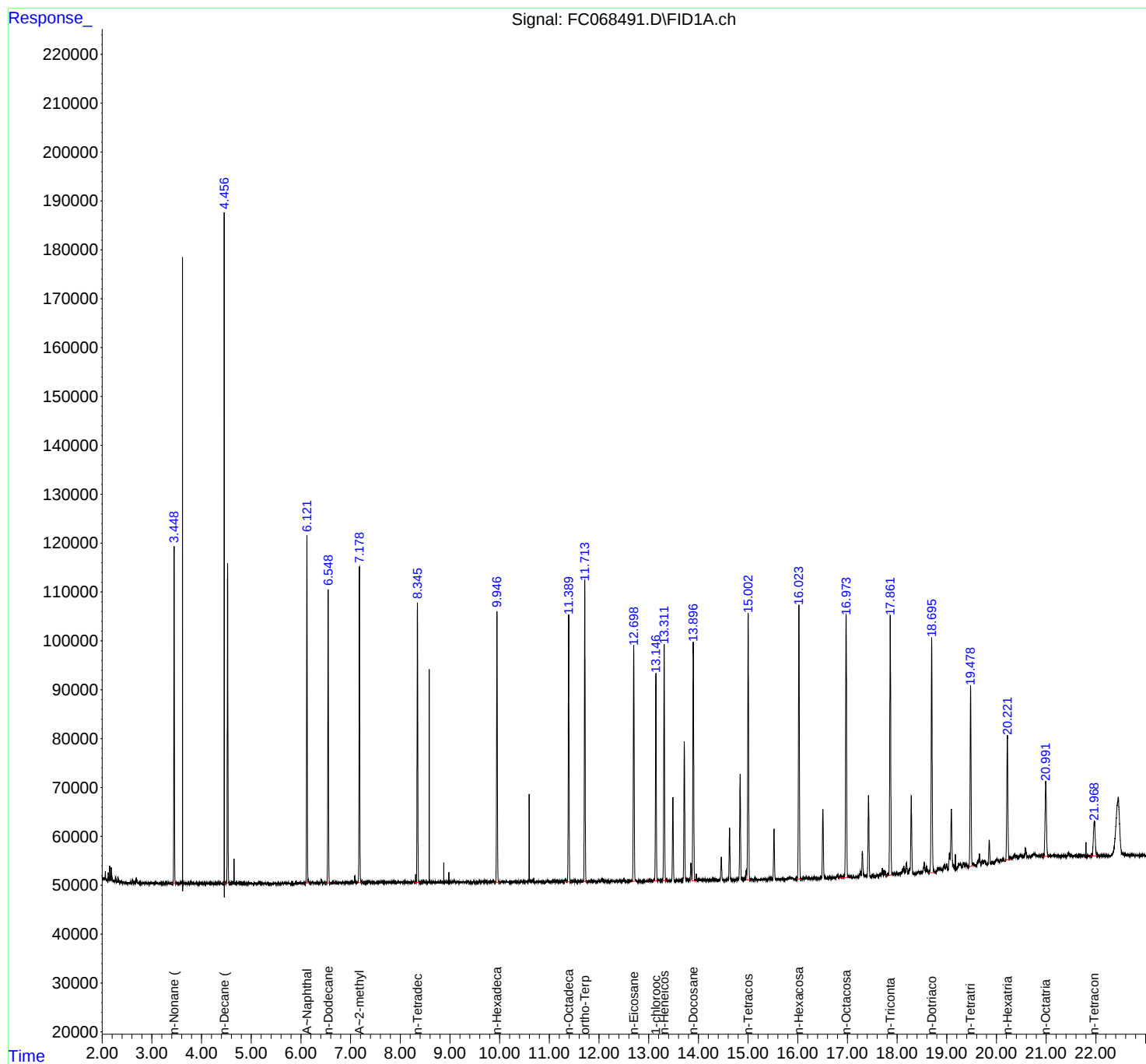
(m)=manual int.

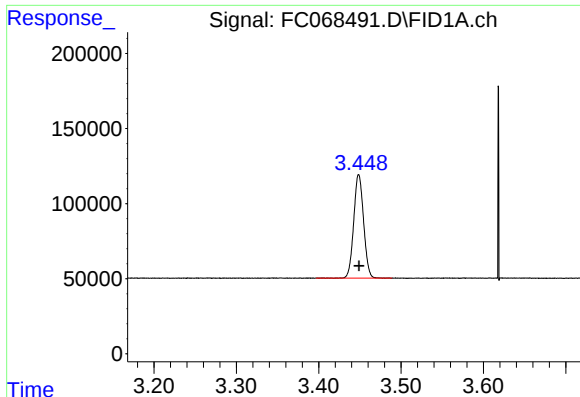
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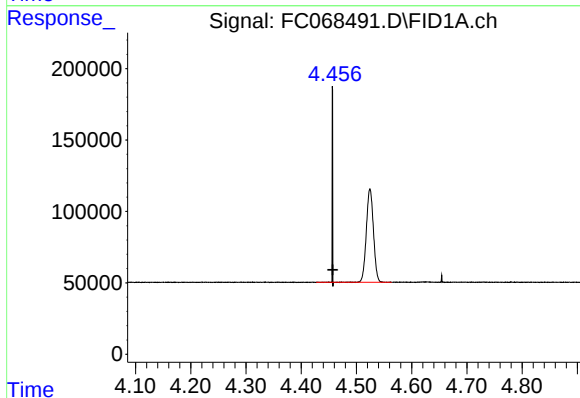




#1 n-Nonane (C9)

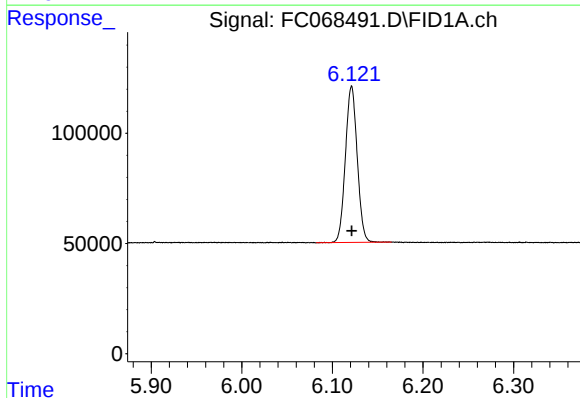
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 575716
Conc: 5.17 ug/ml

Instrument :
FID_C
ClientSampleId :



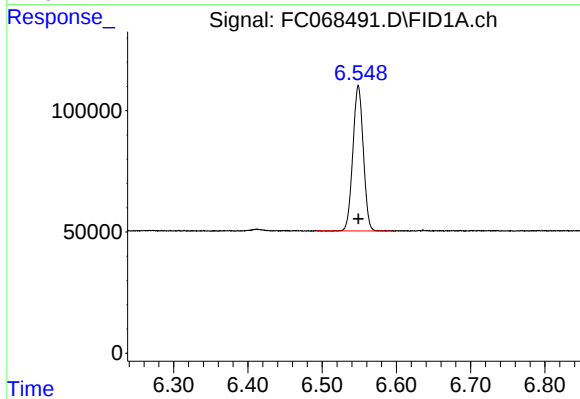
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.000 min
Response: 666236
Conc: 5.72 ug/ml



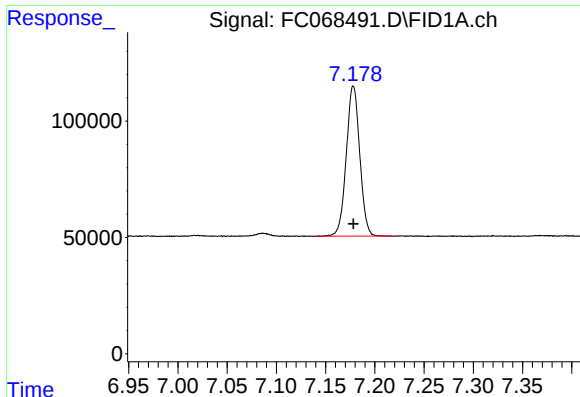
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 643451
Conc: 5.14 ug/ml



#4 n-Dodecane (C12)

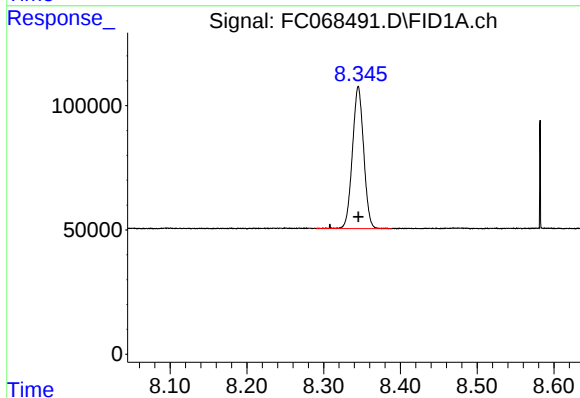
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 585398
Conc: 5.18 ug/ml



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

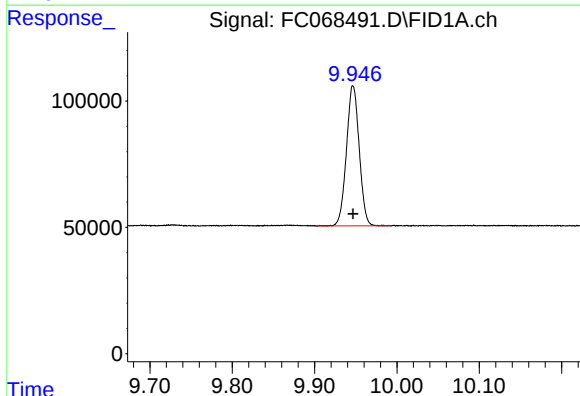
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 615511
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :



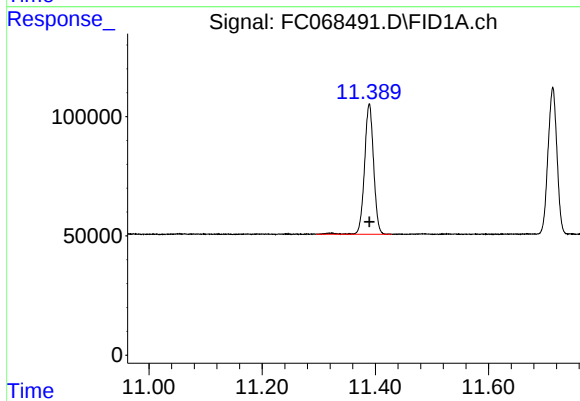
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 582110
Conc: 5.22 ug/ml



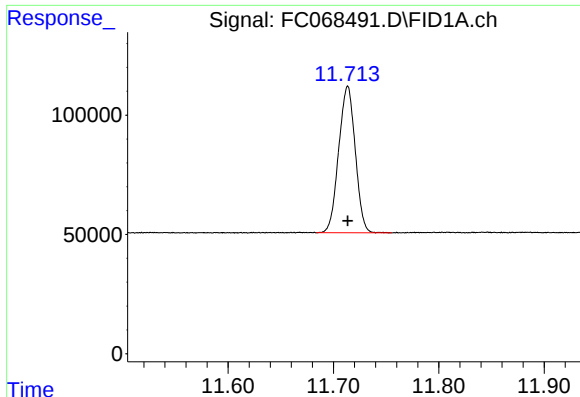
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 597037
Conc: 5.22 ug/ml



#8 n-Octadecane (C18)

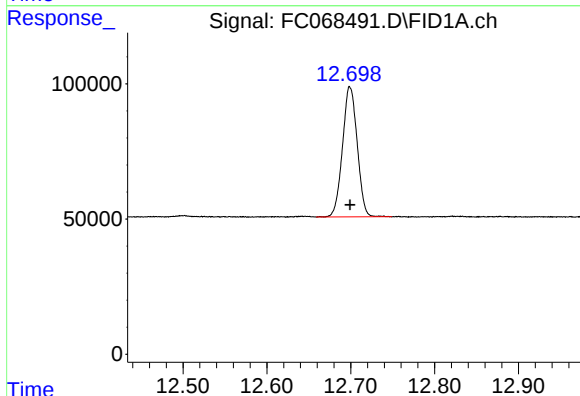
R.T.: 11.389 min
Delta R.T.: 0.000 min
Response: 608753
Conc: 5.31 ug/ml



#9 ortho-Terphenyl (SURR)

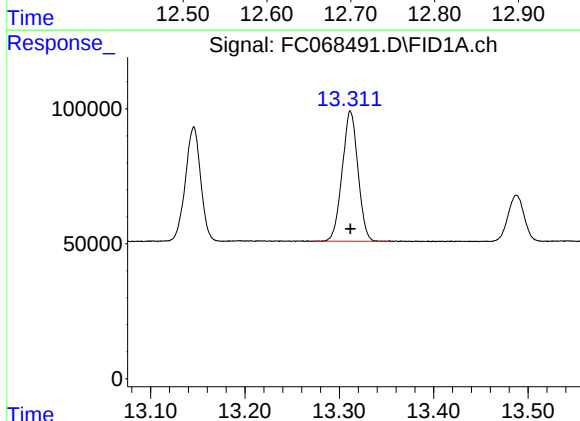
R.T.: 11.713 min
Delta R.T.: 0.000 min
Response: 671418
Conc: 5.21 ug/ml

Instrument :
FID_C
ClientSampleId :



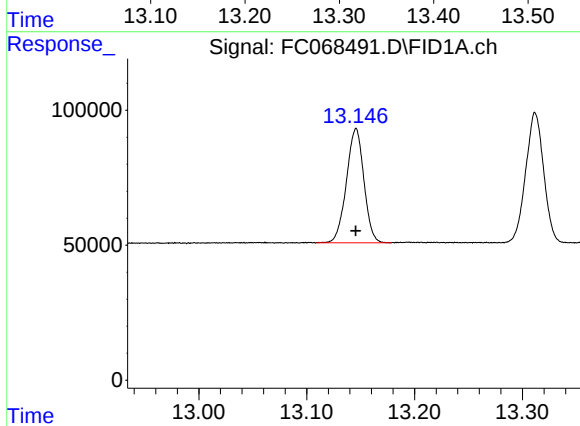
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 585838
Conc: 5.36 ug/ml



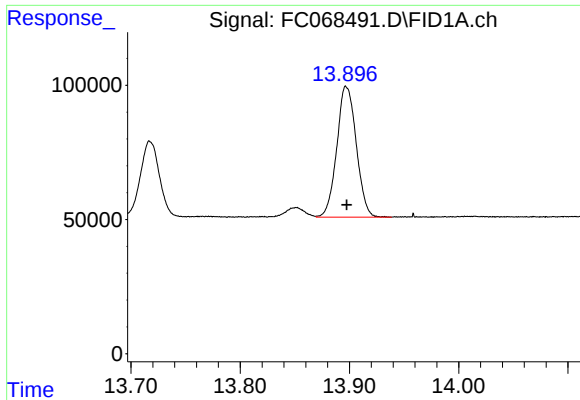
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 558601
Conc: 5.24 ug/ml



#12 1-chlorooctadecane (SURR)

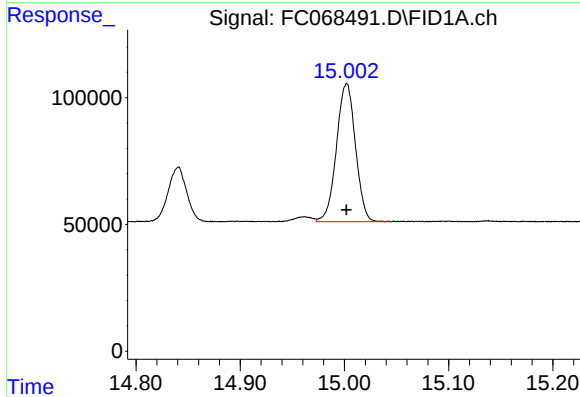
R.T.: 13.146 min
Delta R.T.: 0.000 min
Response: 476560
Conc: 5.18 ug/ml



#13 n-Docosane (C22)

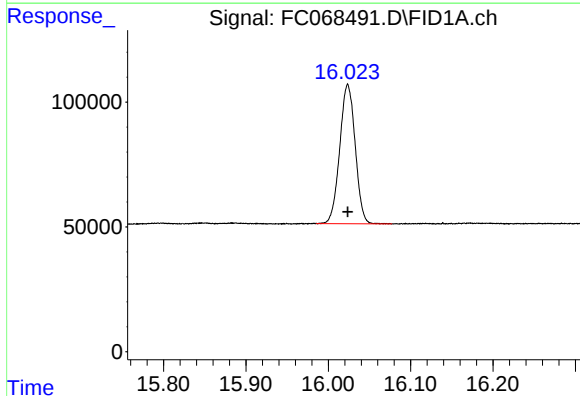
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 602914
Conc: 5.58 ug/ml

Instrument :
FID_C
ClientSampleId :



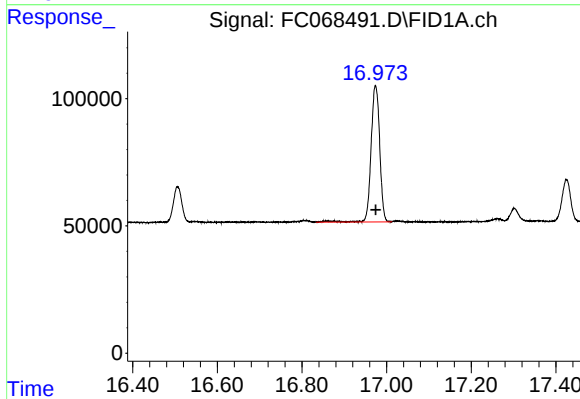
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: 0.000 min
Response: 689645
Conc: 6.19 ug/ml



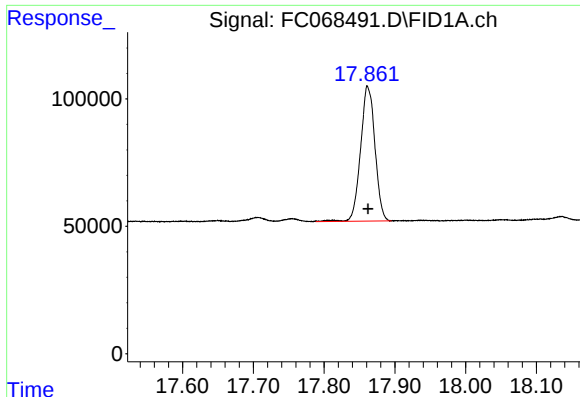
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 727762
Conc: 6.54 ug/ml



#16 n-Octacosane (C28)

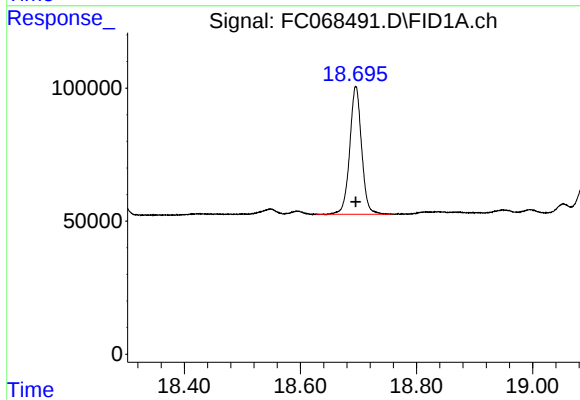
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 758512
Conc: 6.85 ug/ml



#17 n-Tricontane (C30)

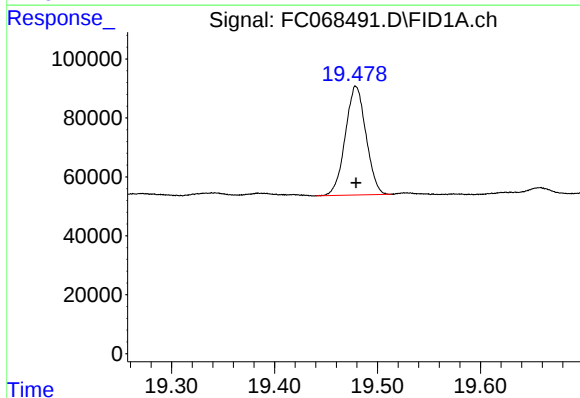
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 747589
Conc: 6.76 ug/ml

Instrument :
FID_C
ClientSampleId :



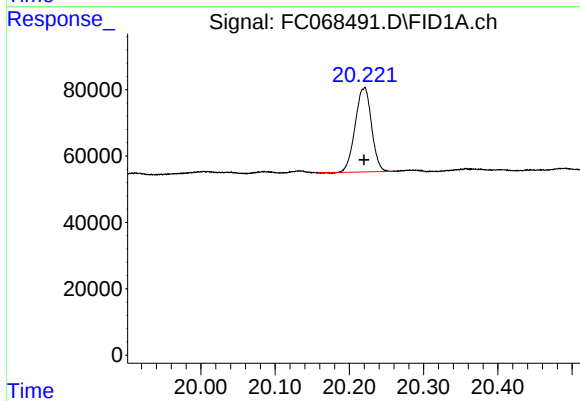
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 682032
Conc: 6.55 ug/ml



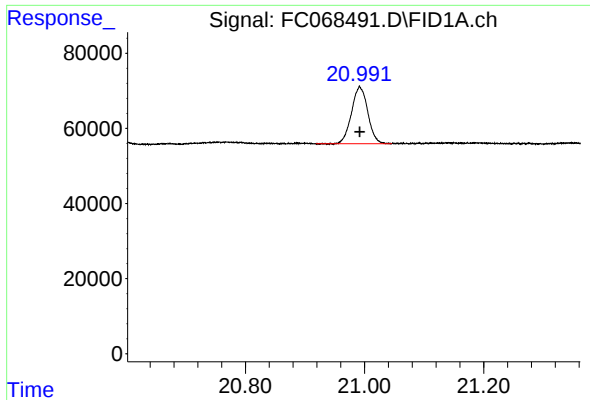
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: 0.000 min
Response: 514685
Conc: 5.73 ug/ml



#20 n-Hexatriacontane (C36)

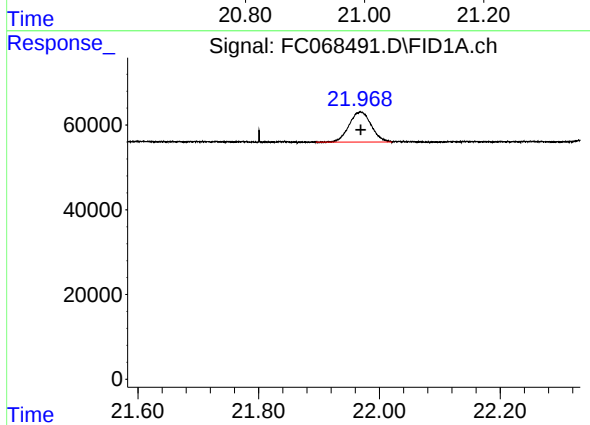
R.T.: 20.220 min
Delta R.T.: 0.000 min
Response: 386018
Conc: 5.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: 0.000 min
Response: 287493
Conc: 4.60 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 181436
Conc: 3.88 ug/ml