

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
 Data File : FC069452.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 12:05
 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: Jul 15 12:35:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:06 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)	11.666	814301	5.487 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
12) S 1-chlorooctadecane (S...	13.102	617490	5.464 ug/ml
Spiked Amount 50.000		Recovery =	10.93%
Target Compounds			
1) T n-Nonane (C9)	3.394	750485	5.515 ug/ml
2) T n-Decane (C10)	4.470	765101	5.497 ug/ml
3) T A~Naphthalene (C11.7)	6.066	833004	5.513 ug/ml
4) T n-Dodecane (C12)	6.496	778847	5.495 ug/ml
5) T A~2-methylnaphthalene...	7.125	801282	5.485 ug/ml
6) T n-Tetradecane (C14)	8.295	778133	5.473 ug/ml
7) T n-Hexadecane (C16)	9.900	803823	5.507 ug/ml
8) T n-Octadecane (C18)	11.345	791730	5.504 ug/ml
10) T n-Eicosane (C20)	12.656	740380	5.515 ug/ml
11) T n-Heneicosane (C21)	13.268	716152	5.513 ug/ml
13) T n-Docosane (C22)	13.855	699269	5.506 ug/ml
14) T n-Tetracosane (C24)	14.960	670008	5.489 ug/ml
15) T n-Hexacosane (C26)	15.982	639609	5.505 ug/ml
16) T n-Octacosane (C28)	16.934	620060	5.601 ug/ml
17) T n-Tricontane (C30)	17.822	631378	5.766 ug/ml
18) T n-Dotriacontane (C32)	18.655	611929	5.897 ug/ml
19) T n-Tetratriacontane (C34)	19.441	549425	5.831 ug/ml
20) T n-Hexatriacontane (C36)	20.182	476252	5.766 ug/ml
21) T n-Octatriacontane (C38)	20.946	432685	5.697 ug/ml
22) T n-Tetracontane (C40)	21.909	410409	5.603 ug/ml

(f)=RT Delta > 1/2 Window

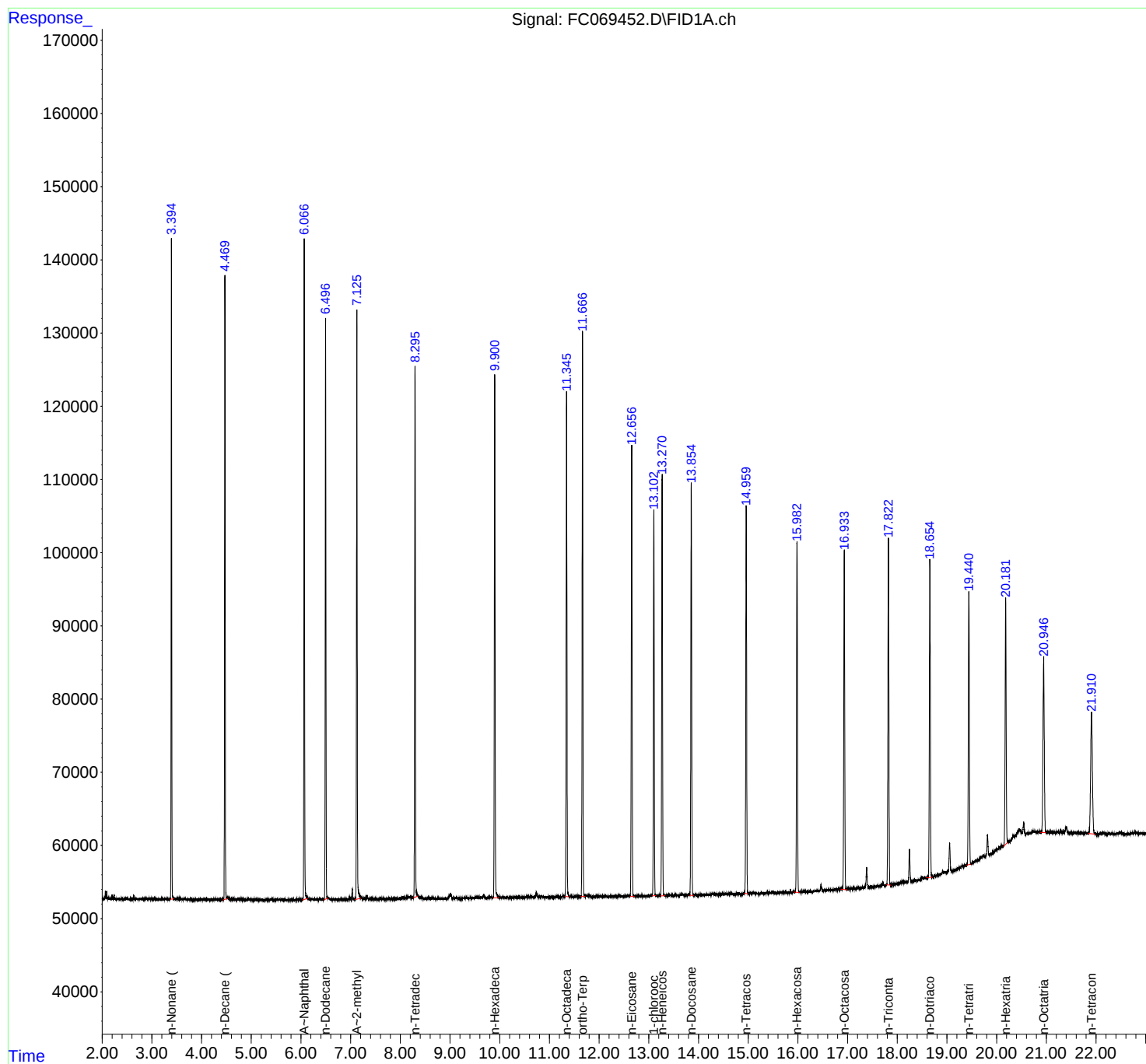
(m)=manual int.

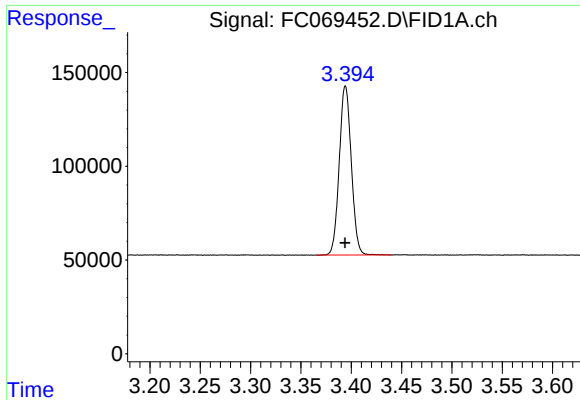
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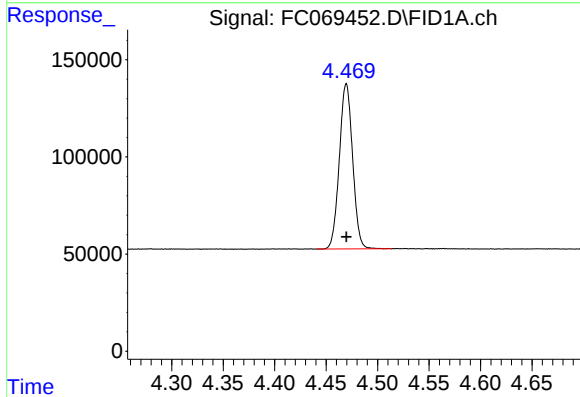




#1 n-Nonane (C9)

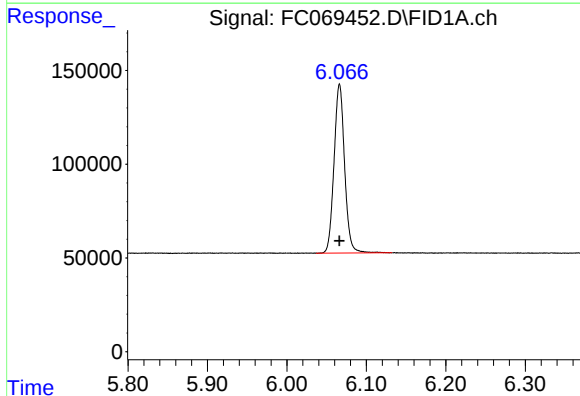
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 750485
Conc: 5.51 ug/ml

Instrument :
FID_C
ClientSampleId :



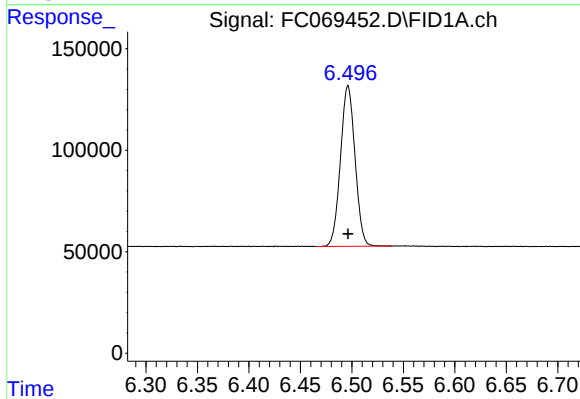
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 765101
Conc: 5.50 ug/ml



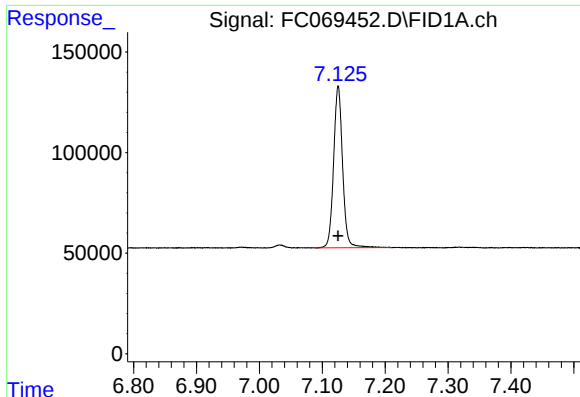
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 833004
Conc: 5.51 ug/ml



#4 n-Dodecane (C12)

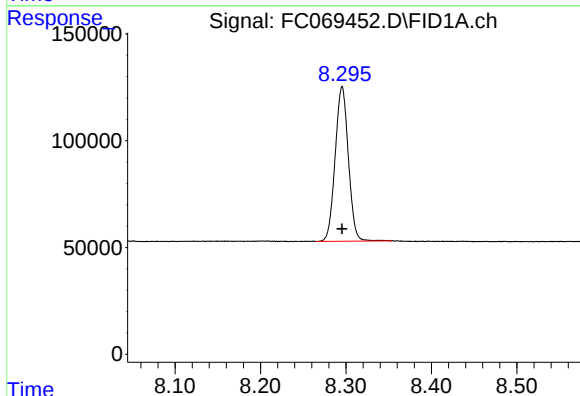
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 778847
Conc: 5.50 ug/ml



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

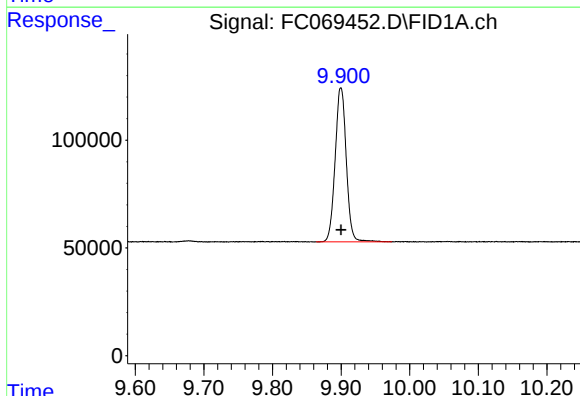
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 801282
Conc: 5.48 ug/ml

Instrument :
FID_C
ClientSampleId :



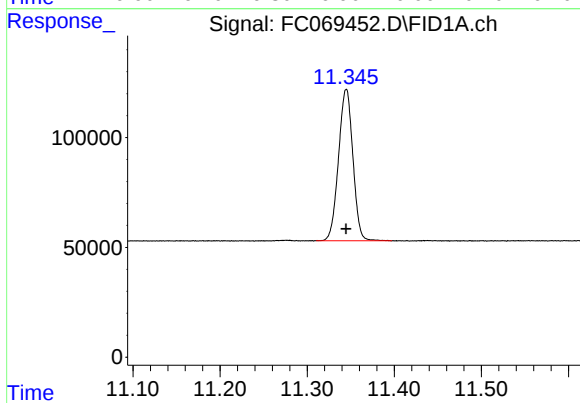
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 778133
Conc: 5.47 ug/ml



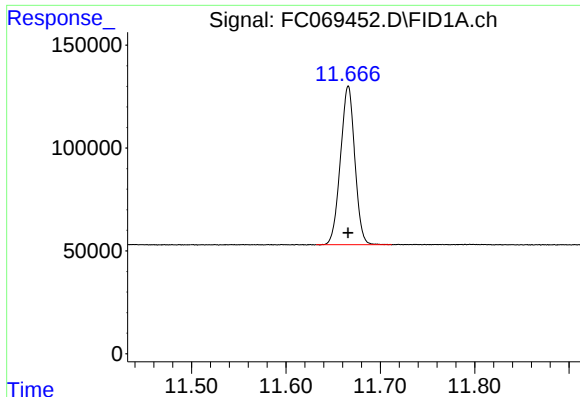
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 803823
Conc: 5.51 ug/ml



#8 n-Octadecane (C18)

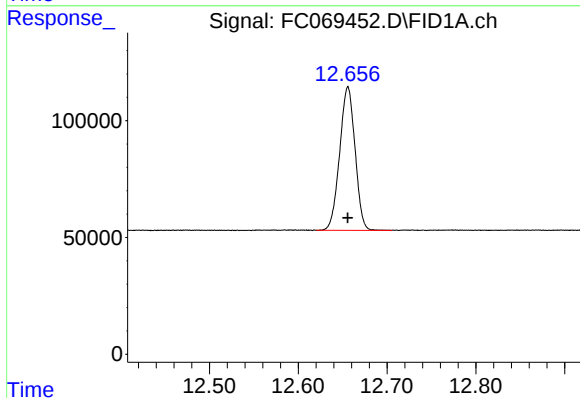
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 791730
Conc: 5.50 ug/ml



#9 ortho-Terphenyl (SURR)

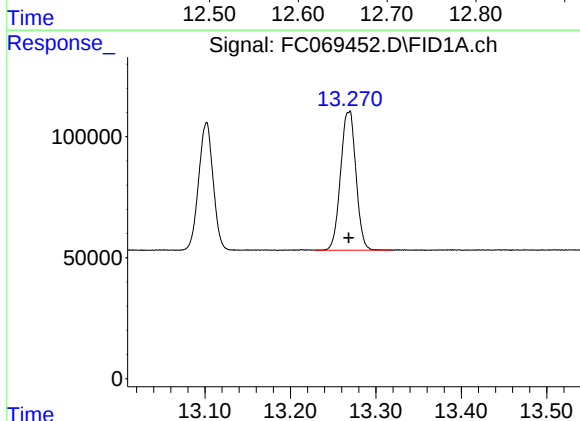
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 814301
Conc: 5.49 ug/ml

Instrument :
FID_C
ClientSampleId :



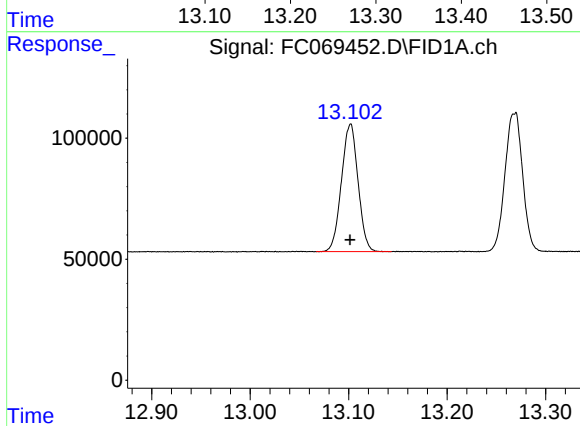
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.000 min
Response: 740380
Conc: 5.51 ug/ml



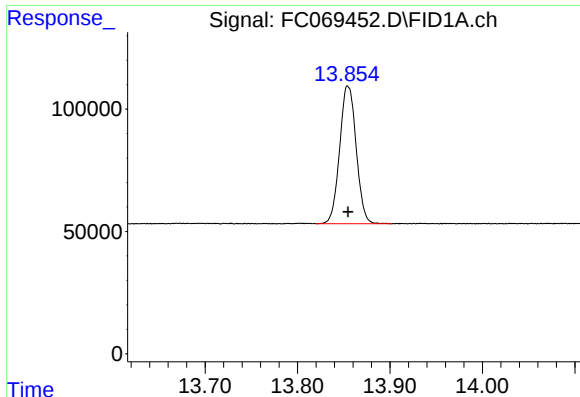
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 716152
Conc: 5.51 ug/ml



#12 1-chlorooctadecane (SURR)

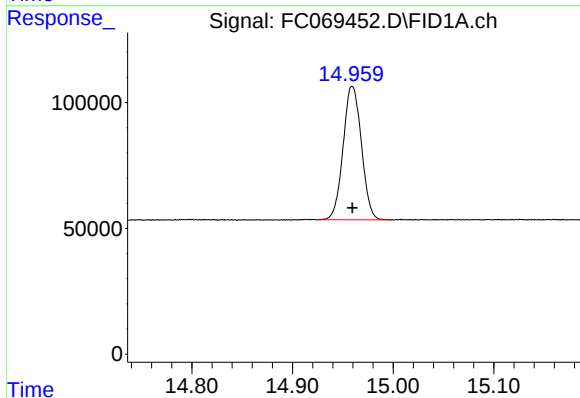
R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 617490
Conc: 5.46 ug/ml



#13 n-Docosane (C22)

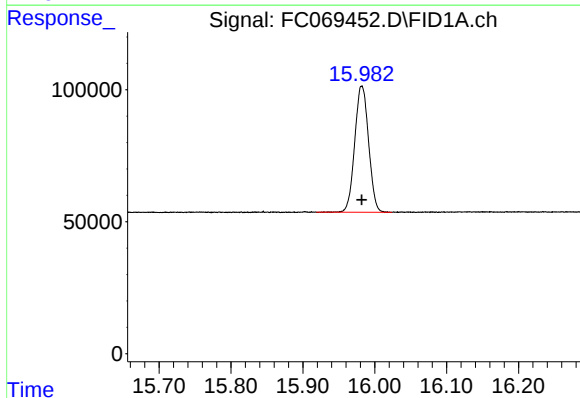
R.T.: 13.855 min
Delta R.T.: 0.000 min
Response: 699269
Conc: 5.51 ug/ml

Instrument :
FID_C
ClientSampleId :



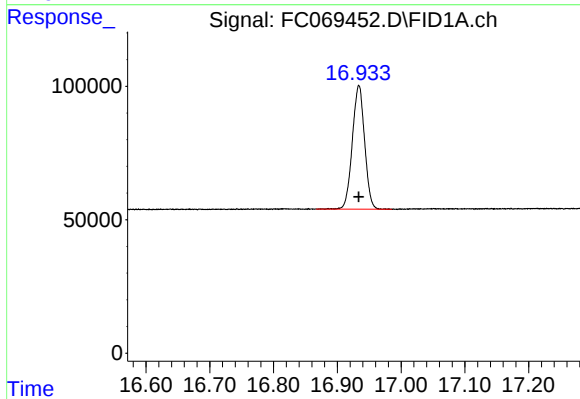
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.000 min
Response: 670008
Conc: 5.49 ug/ml



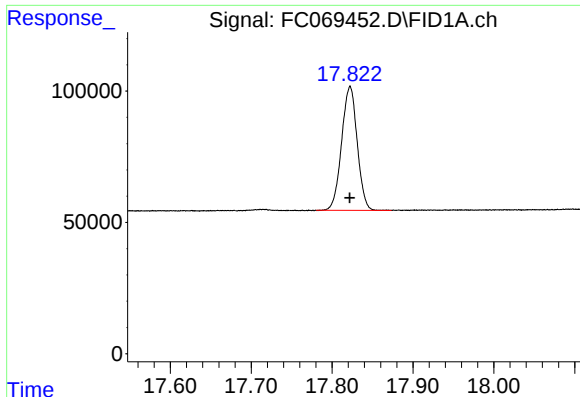
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.000 min
Response: 639609
Conc: 5.51 ug/ml



#16 n-Octacosane (C28)

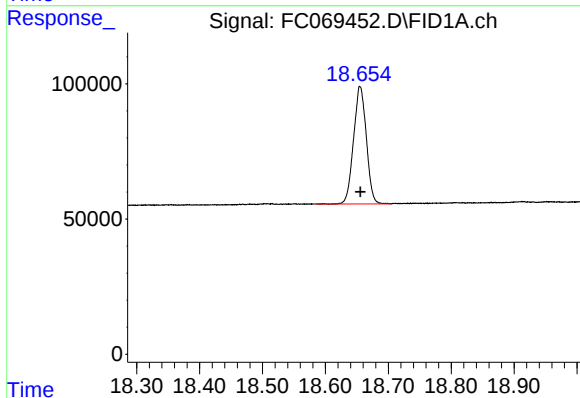
R.T.: 16.934 min
Delta R.T.: 0.000 min
Response: 620060
Conc: 5.60 ug/ml



#17 n-Tricontane (C30)

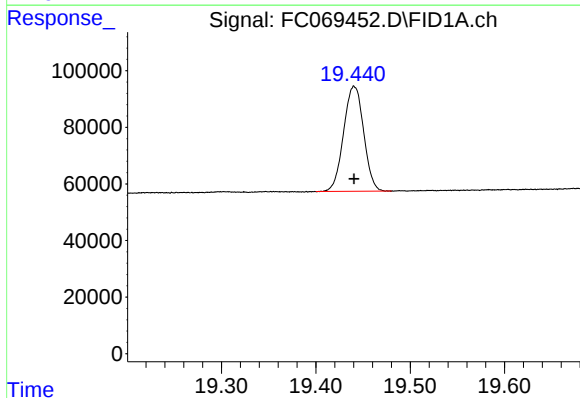
R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 631378
Conc: 5.77 ug/ml

Instrument :
FID_C
ClientSampleId :



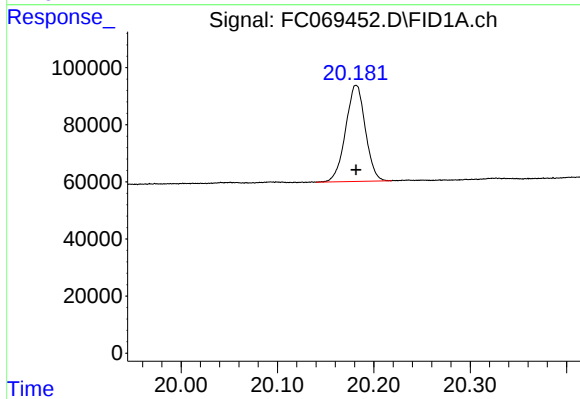
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.000 min
Response: 611929
Conc: 5.90 ug/ml



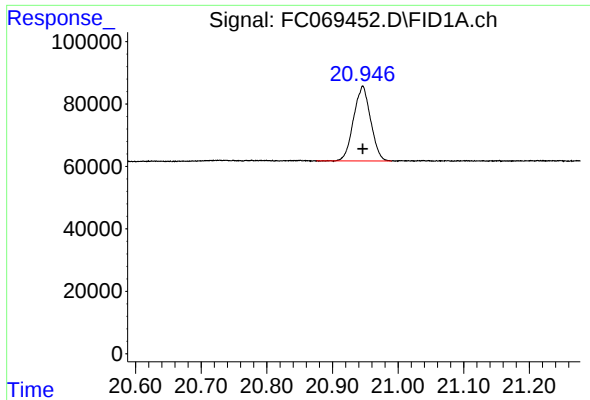
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: 0.000 min
Response: 549425
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

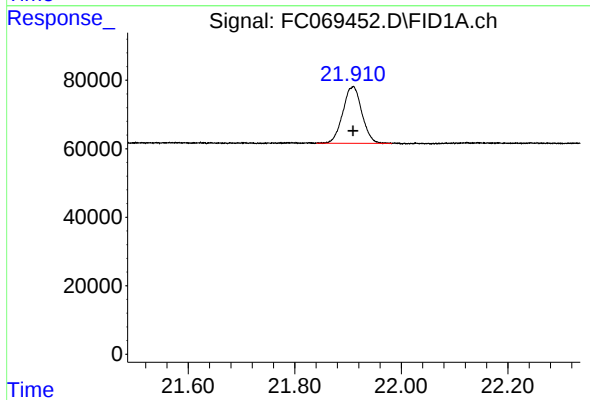
R.T.: 20.182 min
Delta R.T.: 0.000 min
Response: 476252
Conc: 5.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.000 min
Response: 432685
Conc: 5.70 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: 0.000 min
Response: 410409
Conc: 5.60 ug/ml