

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051425AL\
 Data File : FC068877.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 02:52
 Operator : YP/AJ
 Sample : Q2017-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 05:19:37 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	6650553	58.267 ug/ml
Spiked Amount 50.000		Recovery =	116.53%
12) S 1-chlorooctadecane (S...	13.142	5163841	64.366 ug/ml
Spiked Amount 50.000		Recovery =	128.73%
Target Compounds			
1) T n-Nonane (C9)	3.443	4487109	44.612 ug/ml
2) T n-Decane (C10)	4.519	5157989	51.765 ug/ml
3) T A~Naphthalene (C11.7)	6.114	6229002	56.493 ug/ml
4) T n-Dodecane (C12)	6.542	5730496	58.969 ug/ml
5) T A~2-methylnaphthalene...	7.172	6031717	56.196 ug/ml
6) T n-Tetradecane (C14)	8.341	6241408	67.530 ug/ml
7) T n-Hexadecane (C16)	9.943	6389180	71.352 ug/ml
8) T n-Octadecane (C18)	11.387	6345069	72.335 ug/ml
10) T n-Eicosane (C20)	12.697	6445618	75.637 ug/ml
11) T n-Heneicosane (C21)	13.309	6133681	72.721 ug/ml
13) T n-Docosane (C22)	13.896	6085404	72.741 ug/ml
14) T n-Tetracosane (C24)	14.995	12476074	149.940 ug/ml
15) T n-Hexacosane (C26)	16.024	5916868	71.414 ug/ml
16) T n-Octacosane (C28)	16.973	5937016	71.837 ug/ml
17) T n-Tricontane (C30)	17.863	5892247	69.638 ug/ml
18) T n-Dotriacontane (C32)	18.694	5832723	67.716 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5892441	69.160 ug/ml
20) T n-Hexatriacontane (C36)	20.219	5714295	66.485 ug/ml
21) T n-Octatriacontane (C38)	20.993	5729000	68.297 ug/ml
22) T n-Tetracontane (C40)	21.971	5742562	70.069 ug/ml

(f)=RT Delta > 1/2 Window

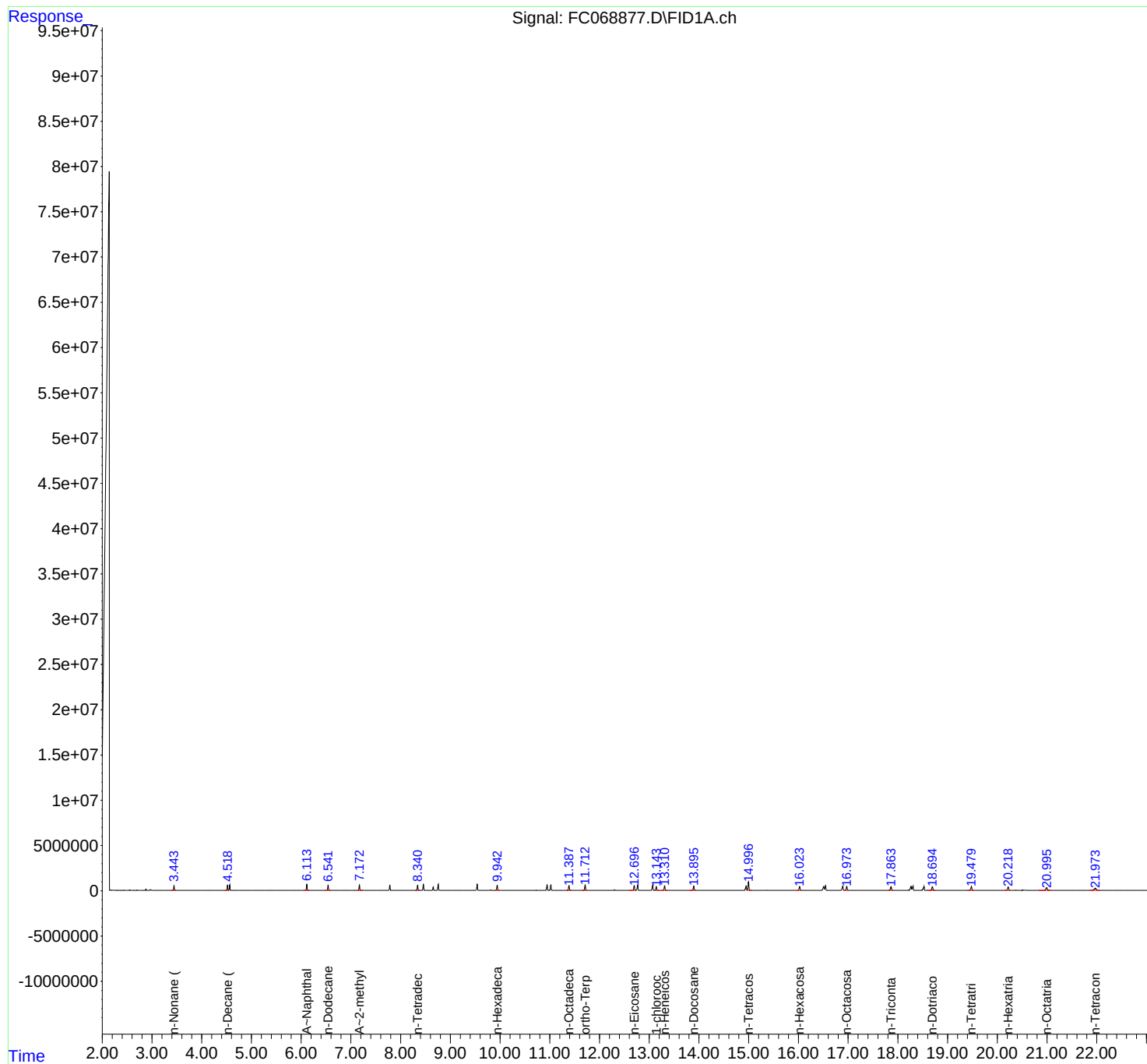
(m)=manual int.

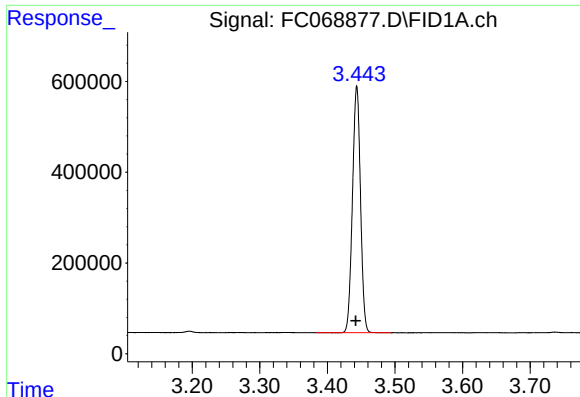
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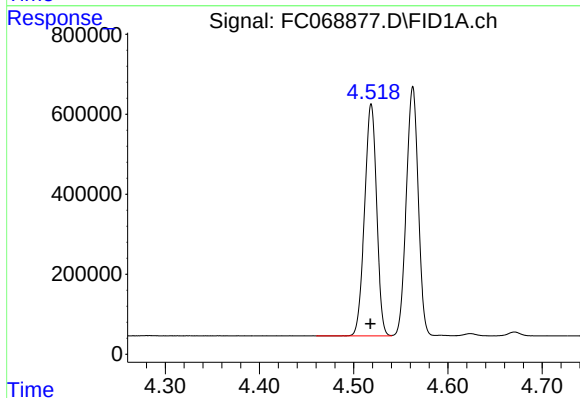




#1 n-Nonane (C9)

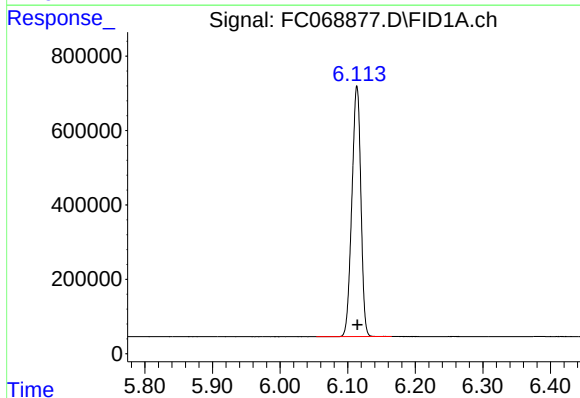
R.T.: 3.443 min
Delta R.T.: 0.001 min
Response: 4487109
Conc: 44.61 ug/ml

Instrument :
FID_C
ClientSampleId :



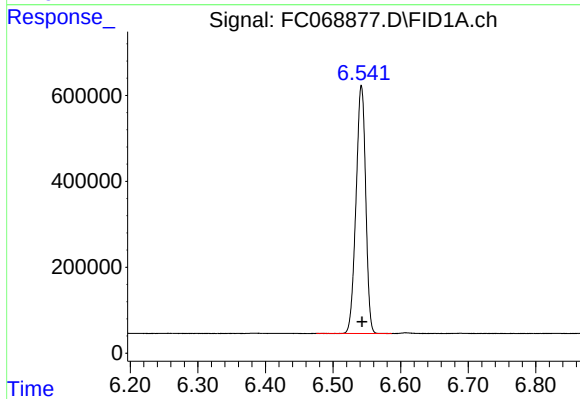
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 5157989
Conc: 51.77 ug/ml



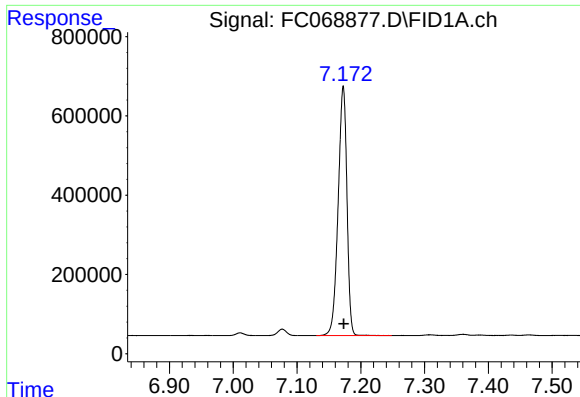
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 6229002
Conc: 56.49 ug/ml



#4 n-Dodecane (C12)

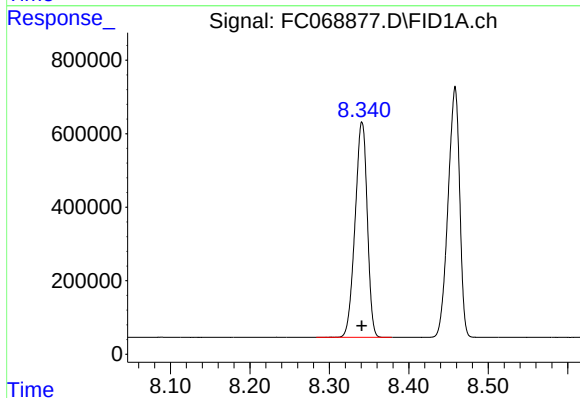
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 5730496
Conc: 58.97 ug/ml



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

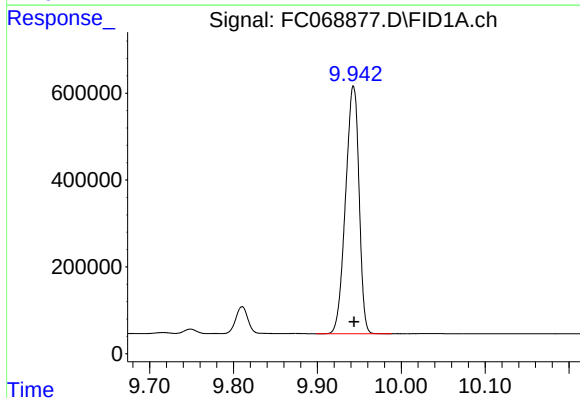
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 6031717
Conc: 56.20 ug/ml

Instrument :
FID_C
ClientSampleId :



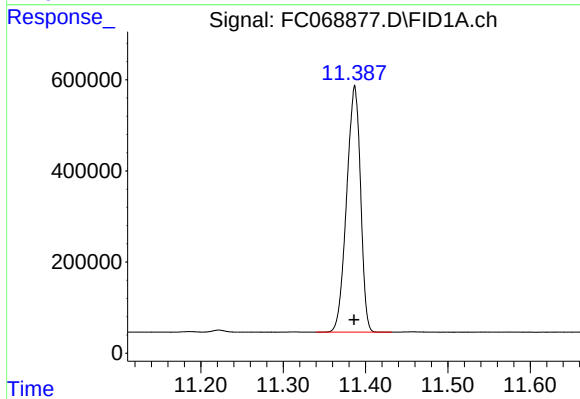
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 6241408
Conc: 67.53 ug/ml



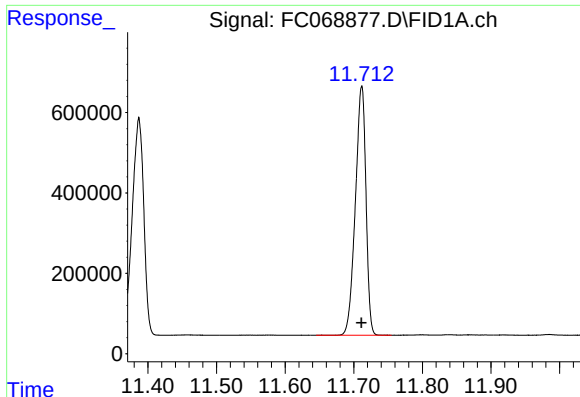
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 6389180
Conc: 71.35 ug/ml



#8 n-Octadecane (C18)

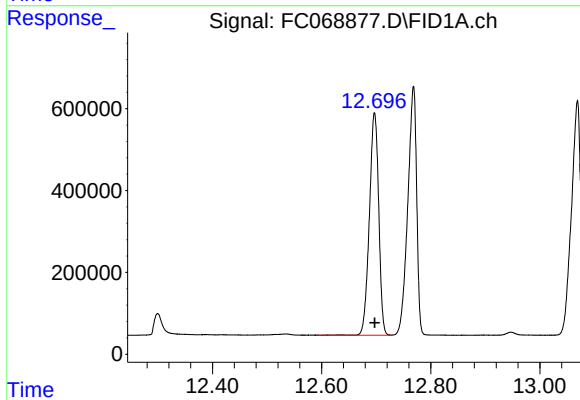
R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 6345069
Conc: 72.33 ug/ml



#9 ortho-Terphenyl (SURR)

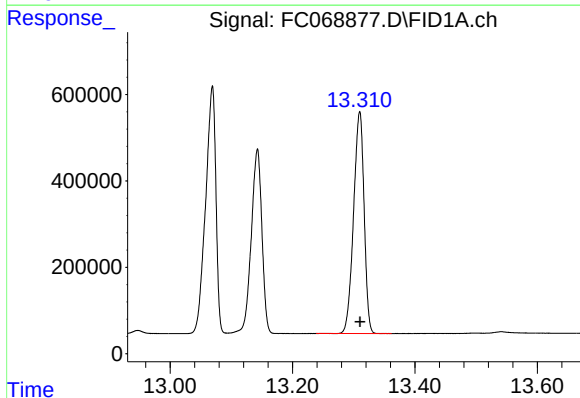
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 6650553
Conc: 58.27 ug/ml

Instrument :
FID_C
ClientSampleId :



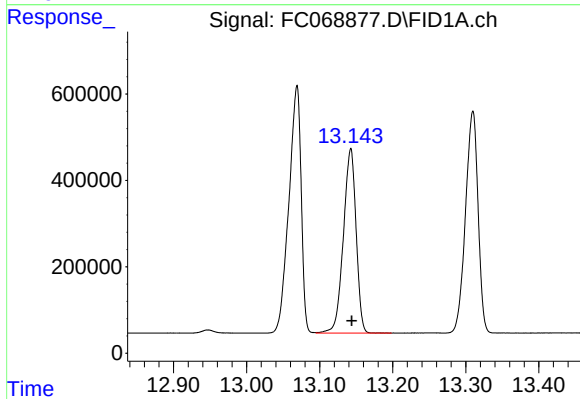
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 6445618
Conc: 75.64 ug/ml



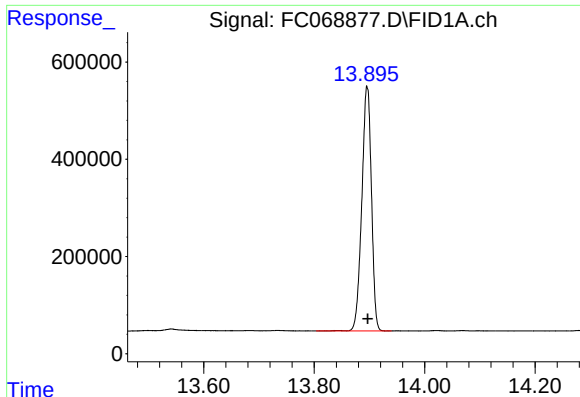
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 6133681
Conc: 72.72 ug/ml



#12 1-chlorooctadecane (SURR)

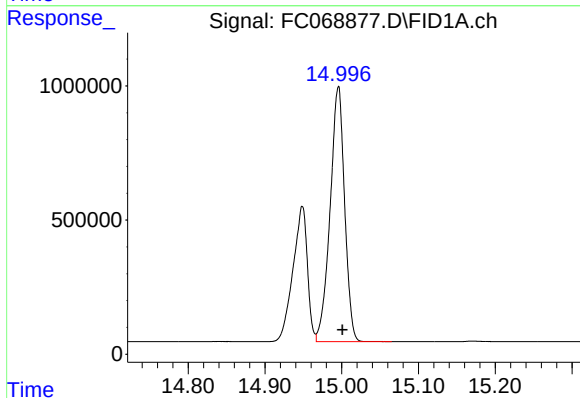
R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 5163841
Conc: 64.37 ug/ml



#13 n-Docosane (C22)

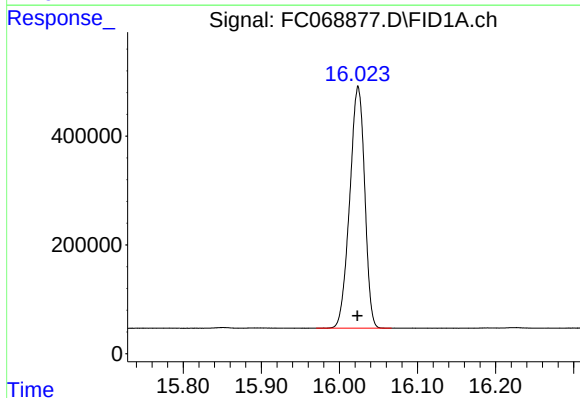
R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 6085404
Conc: 72.74 ug/ml

Instrument :
FID_C
ClientSampleId :



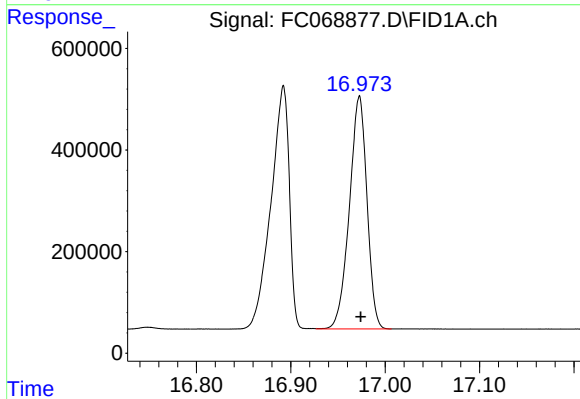
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.005 min
Response: 12476074
Conc: 149.94 ug/ml



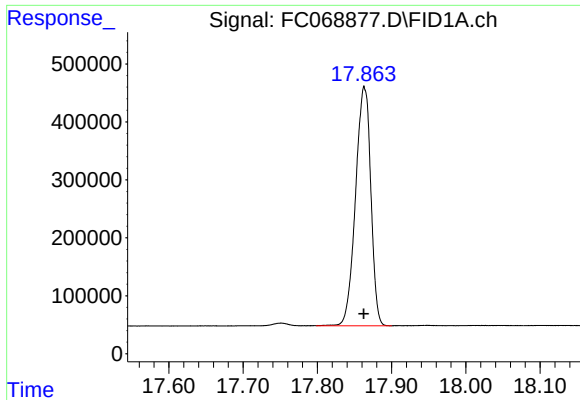
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 5916868
Conc: 71.41 ug/ml



#16 n-Octacosane (C28)

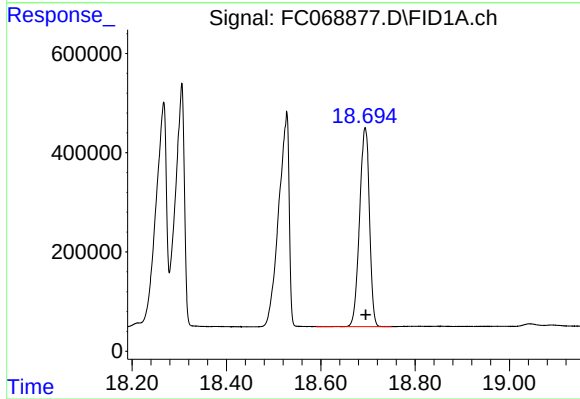
R.T.: 16.973 min
Delta R.T.: -0.002 min
Response: 5937016
Conc: 71.84 ug/ml



#17 n-Tricontane (C30)

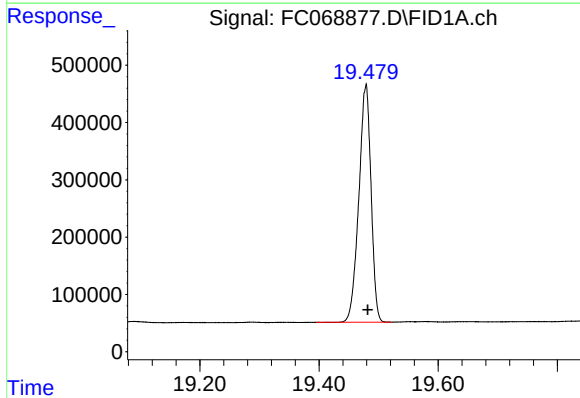
R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 5892247
Conc: 69.64 ug/ml

Instrument :
FID_C
ClientSampleId :



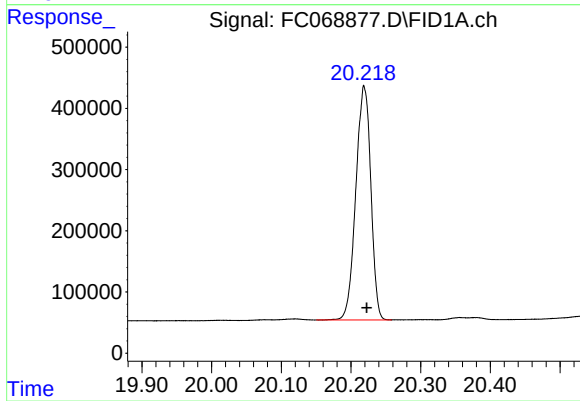
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.001 min
Response: 5832723
Conc: 67.72 ug/ml



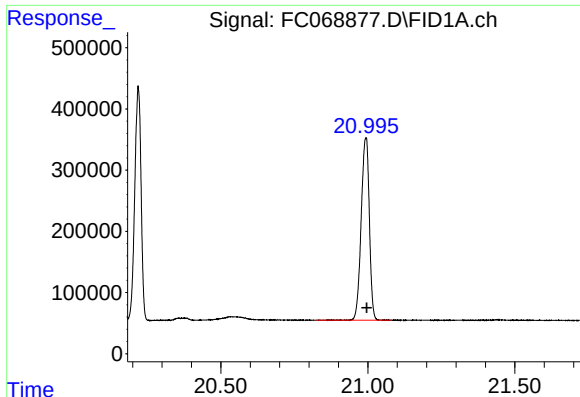
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.003 min
Response: 5892441
Conc: 69.16 ug/ml



#20 n-Hexatriacontane (C36)

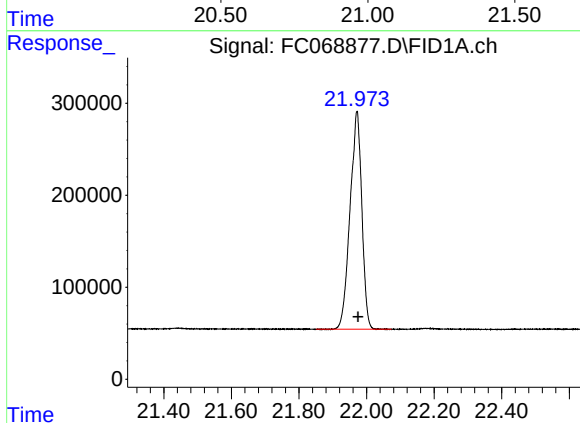
R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 5714295
Conc: 66.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.003 min
Response: 5729000
Conc: 68.30 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.004 min
Response: 5742562
Conc: 70.07 ug/ml