

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
 Data File : FC068583.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 17:06
 Operator : YP/AJ
 Sample : Q1781-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 22:38:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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	3271636	25.693 ug/ml
Spiked Amount 50.000		Recovery =	51.39%
12) S 1-chlorooctadecane (S...	13.144	2402486	25.863 ug/ml
Spiked Amount 50.000		Recovery =	51.73%
Target Compounds			
1) T n-Nonane (C9)	3.448	3665811	34.805 ug/ml
2) T n-Decane (C10)	4.522	4105318	38.965 ug/ml
3) T A~Naphthalene (C11.7)	6.117	4711563	40.456 ug/ml
4) T n-Dodecane (C12)	6.545	4240170	40.320 ug/ml
5) T A~2-methylnaphthalene...	7.175	4334105	37.525 ug/ml
6) T n-Tetradecane (C14)	8.344	4244810	41.290 ug/ml
7) T n-Hexadecane (C16)	9.945	4515300	44.337 ug/ml
8) T n-Octadecane (C18)	11.389	4622878	45.938 ug/ml
10) T n-Eicosane (C20)	12.700	4740422	48.195 ug/ml
11) T n-Heneicosane (C21)	13.312	4536835	46.552 ug/ml
13) T n-Docosane (C22)	13.899	4484832	46.429 ug/ml
14) T n-Tetracosane (C24)	14.997	9491075	99.713 ug/ml
15) T n-Hexacosane (C26)	16.028	4396608	47.071 ug/ml
16) T n-Octacosane (C28)	16.978	4430053	48.385 ug/ml
17) T n-Tricontane (C30)	17.869	4439451	48.291 ug/ml
18) T n-Dotriacontane (C32)	18.702	4417574	48.159 ug/ml
19) T n-Tetratriacontane (C34)	19.487	4452290	49.836 ug/ml
20) T n-Hexatriacontane (C36)	20.228	4291061	47.903 ug/ml
21) T n-Octatriacontane (C38)	21.004	4296049	48.591 ug/ml
22) T n-Tetracontane (C40)	21.982	4168883	47.210 ug/ml

(f)=RT Delta > 1/2 Window

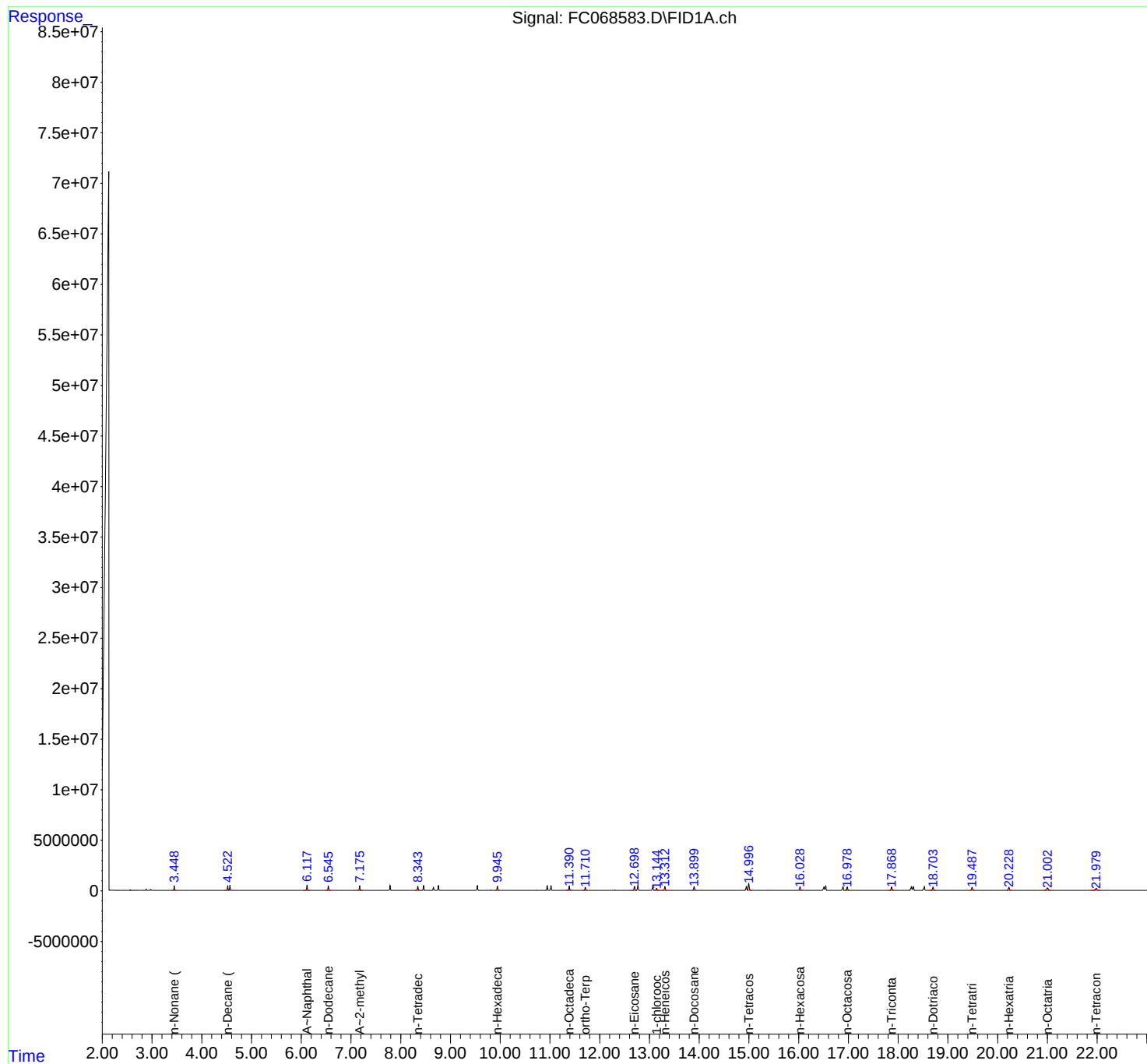
(m)=manual int.

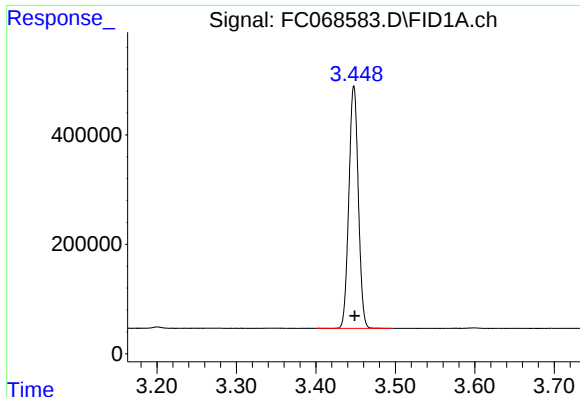
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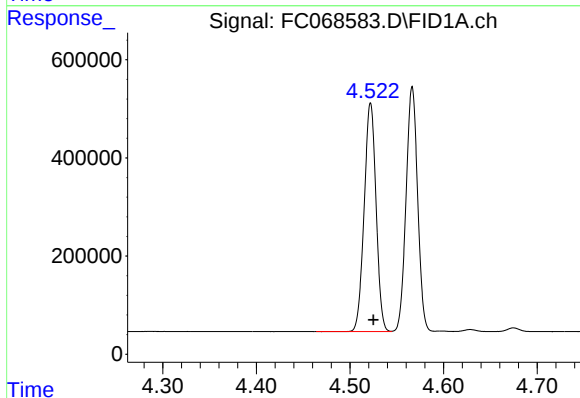




#1 n-Nonane (C9)

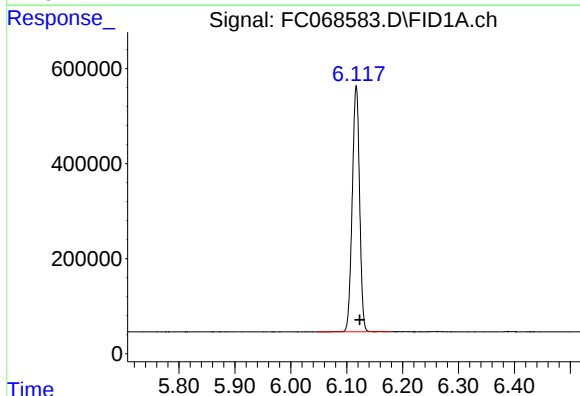
R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 3665811
Conc: 34.81 ug/ml

Instrument :
FID_C
ClientSampleId :



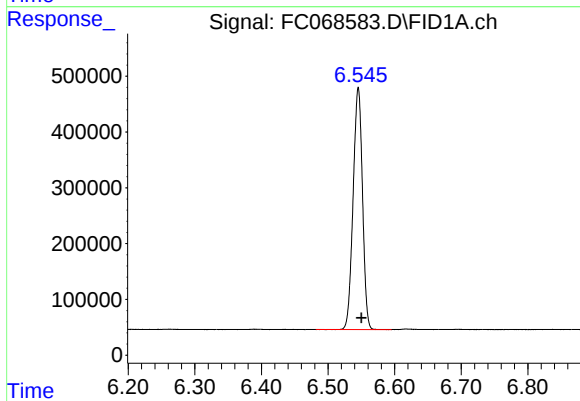
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 4105318
Conc: 38.96 ug/ml



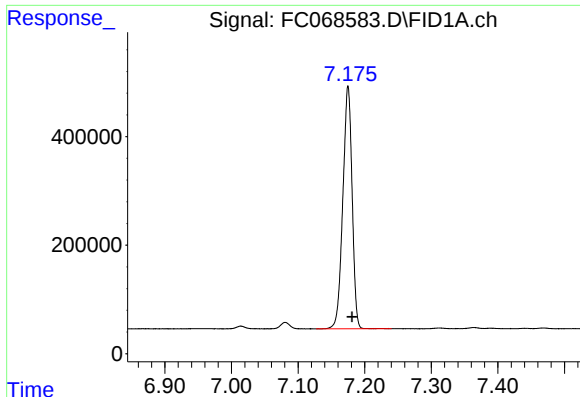
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 4711563
Conc: 40.46 ug/ml



#4 n-Dodecane (C12)

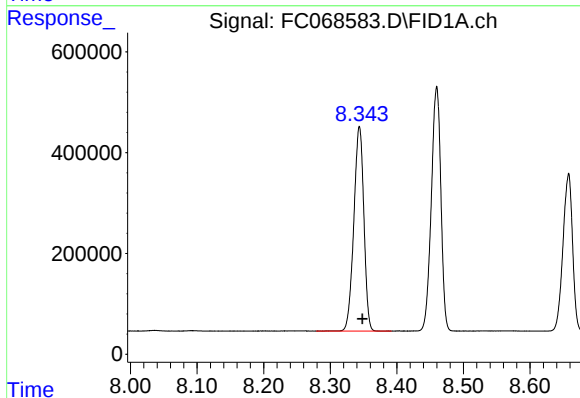
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 4240170
Conc: 40.32 ug/ml



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

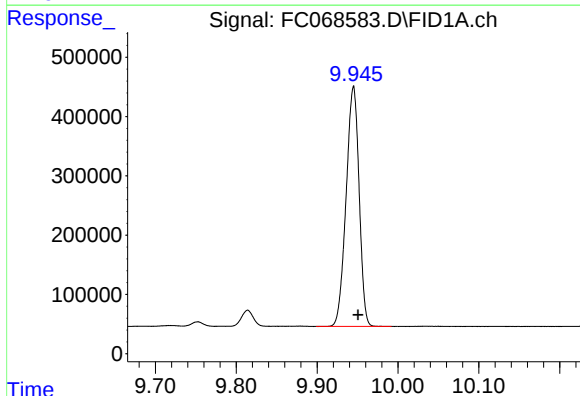
R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 4334105
Conc: 37.53 ug/ml

Instrument :
FID_C
ClientSampleId :



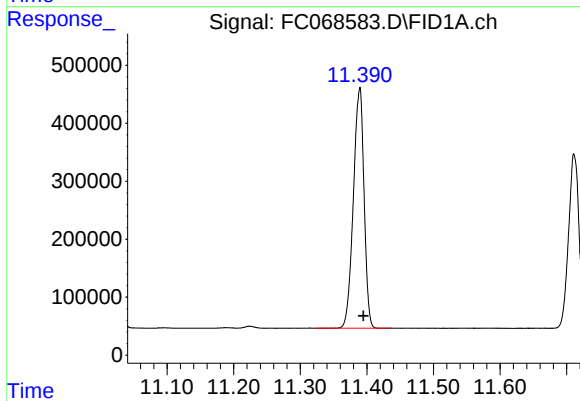
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 4244810
Conc: 41.29 ug/ml



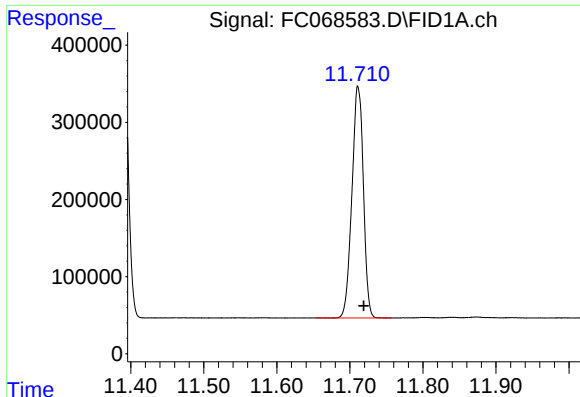
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: -0.006 min
Response: 4515300
Conc: 44.34 ug/ml



#8 n-Octadecane (C18)

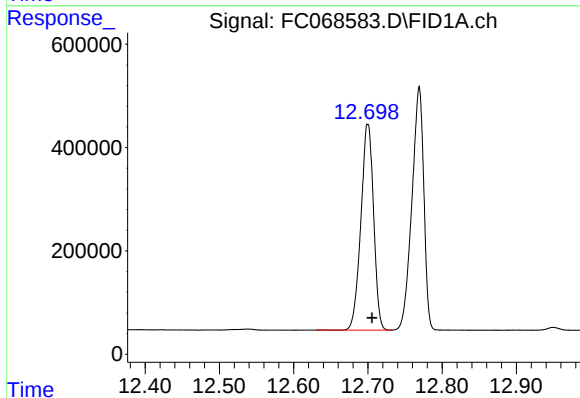
R.T.: 11.389 min
Delta R.T.: -0.006 min
Response: 4622878
Conc: 45.94 ug/ml



#9 ortho-Terphenyl (SURR)

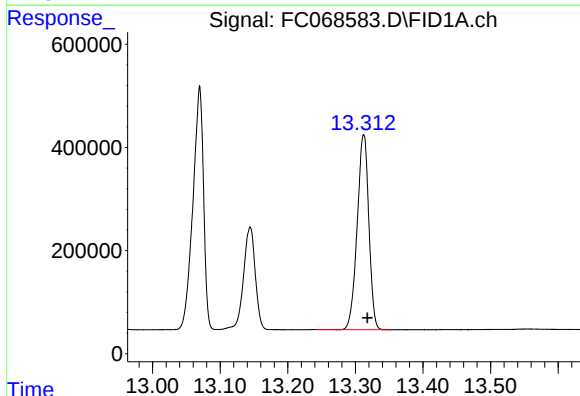
R.T.: 11.711 min
Delta R.T.: -0.007 min
Response: 3271636
Conc: 25.69 ug/ml

Instrument :
FID_C
ClientSampleId :



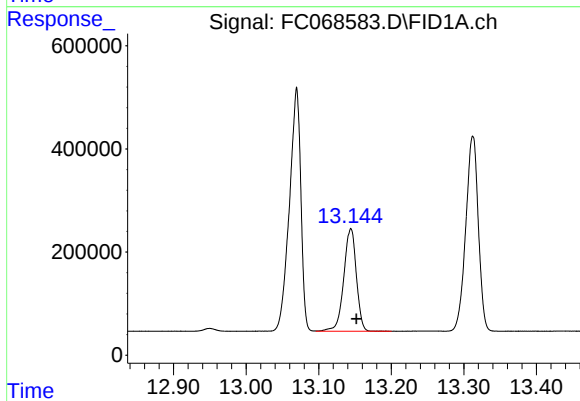
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.006 min
Response: 4740422
Conc: 48.19 ug/ml



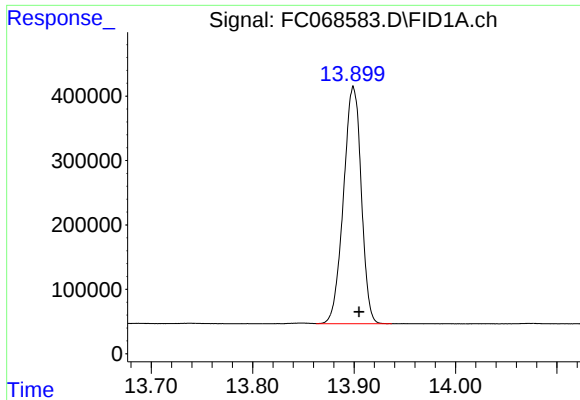
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 4536835
Conc: 46.55 ug/ml



#12 1-chlorooctadecane (SURR)

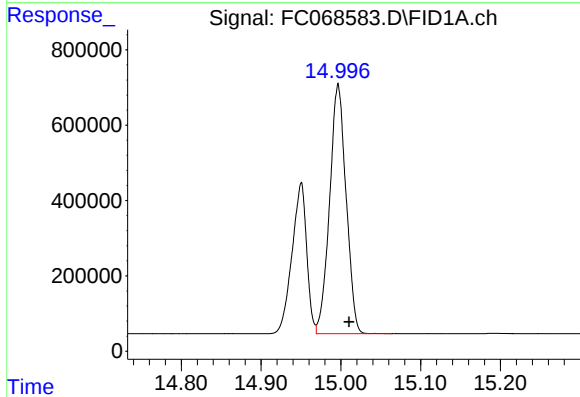
R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 2402486
Conc: 25.86 ug/ml



#13 n-Docosane (C22)

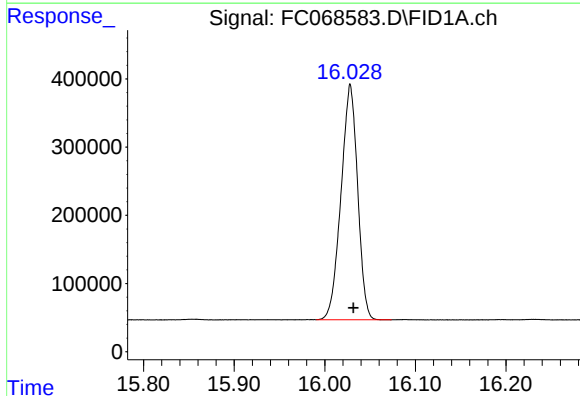
R.T.: 13.899 min
Delta R.T.: -0.006 min
Response: 4484832
Conc: 46.43 ug/ml

Instrument :
FID_C
ClientSampleId :



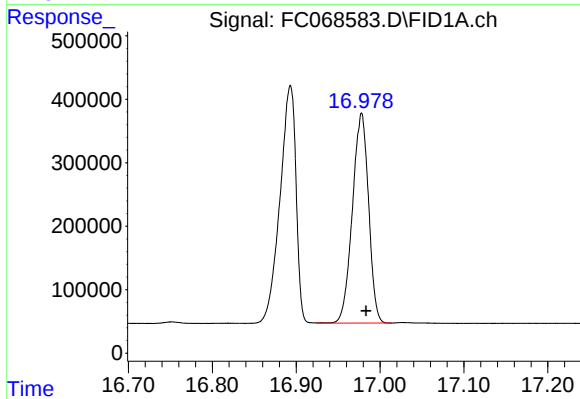
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.014 min
Response: 9491075
Conc: 99.71 ug/ml



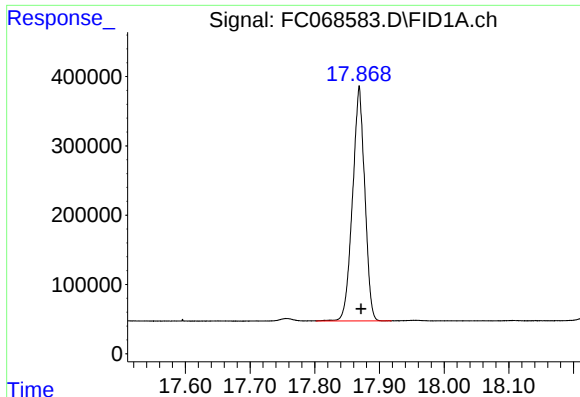
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.004 min
Response: 4396608
Conc: 47.07 ug/ml



#16 n-Octacosane (C28)

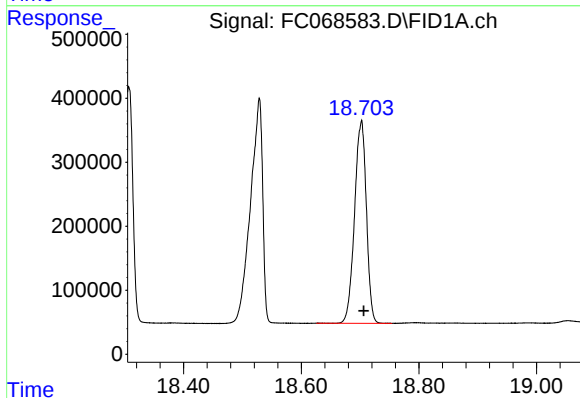
R.T.: 16.978 min
Delta R.T.: -0.006 min
Response: 4430053
Conc: 48.39 ug/ml



#17 n-Tricontane (C30)

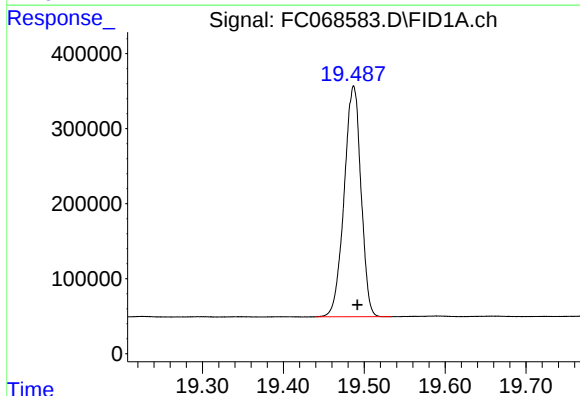
R.T.: 17.869 min
Delta R.T.: -0.003 min
Response: 4439451
Conc: 48.29 ug/ml

Instrument :
FID_C
ClientSampleId :



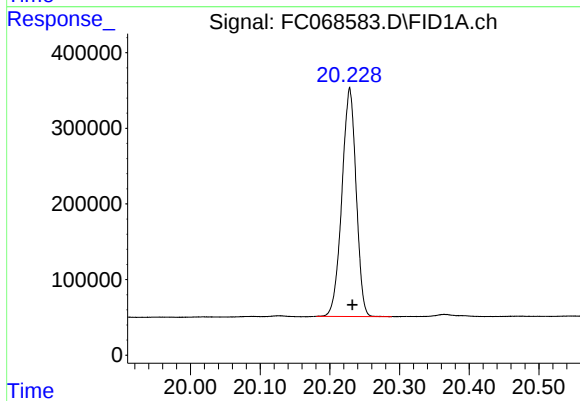
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.005 min
Response: 4417574
Conc: 48.16 ug/ml



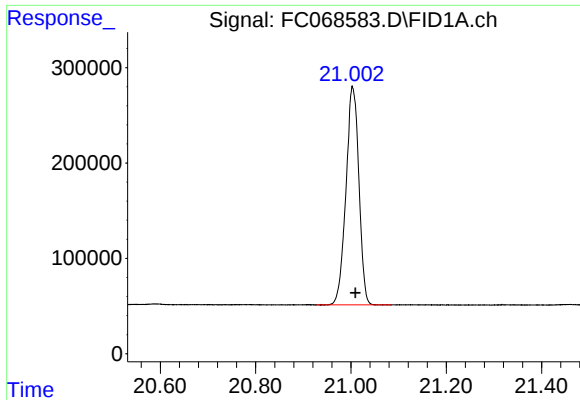
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min
Delta R.T.: -0.005 min
Response: 4452290
Conc: 49.84 ug/ml



#20 n-Hexatriacontane (C36)

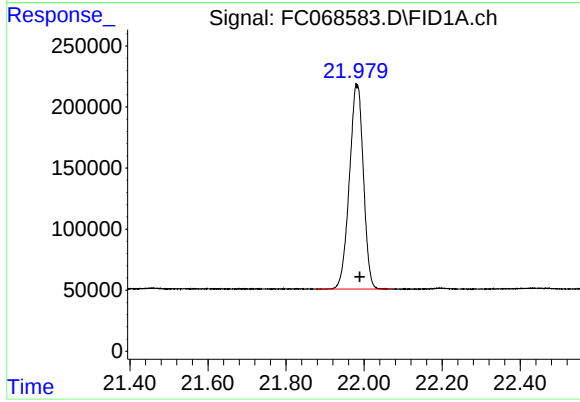
R.T.: 20.228 min
Delta R.T.: -0.004 min
Response: 4291061
Conc: 47.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.006 min
Response: 4296049
Conc: 48.59 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.007 min
Response: 4168883
Conc: 47.21 ug/ml