

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068488.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 16:32
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 15:46:12 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)	11.720	6134078	49.589 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
12) S 1-chlorooctadecane (S...	13.149	4414115	49.600 ug/ml
Spiked Amount 50.000		Recovery =	99.20%
Target Compounds			
1) T n-Nonane (C9)	3.450	5318977	49.583 ug/ml
2) T n-Decane (C10)	4.527	5404406	49.582 ug/ml
3) T A~Naphthalene (C11.7)	6.123	5978980	49.607 ug/ml
4) T n-Dodecane (C12)	6.551	5406644	49.697 ug/ml
5) T A~2-methylnaphthalene...	7.181	5719500	49.541 ug/ml
6) T n-Tetradecane (C14)	8.348	5330711	49.777 ug/ml
7) T n-Hexadecane (C16)	9.951	5452168	49.717 ug/ml
8) T n-Octadecane (C18)	11.395	5466805	49.975 ug/ml
10) T n-Eicosane (C20)	12.704	5169871	49.607 ug/ml
11) T n-Heneicosane (C21)	13.316	5069424	49.524 ug/ml
13) T n-Docosane (C22)	13.902	5029032	49.365 ug/ml
14) T n-Tetracosane (C24)	15.005	5012342	49.121 ug/ml
15) T n-Hexacosane (C26)	16.026	4918591	48.998 ug/ml
16) T n-Octacosane (C28)	16.976	4831854	49.028 ug/ml
17) T n-Tricontane (C30)	17.864	4849869	49.026 ug/ml
18) T n-Dotriacontane (C32)	18.696	4631503	49.090 ug/ml
19) T n-Tetratriacontane (C34)	19.480	4230904	49.289 ug/ml
20) T n-Hexatriacontane (C36)	20.218	3706900	49.659 ug/ml
21) T n-Octatriacontane (C38)	20.992	3298239	50.148 ug/ml
22) T n-Tetracontane (C40)	21.967	2768199	51.120 ug/ml

(f)=RT Delta > 1/2 Window

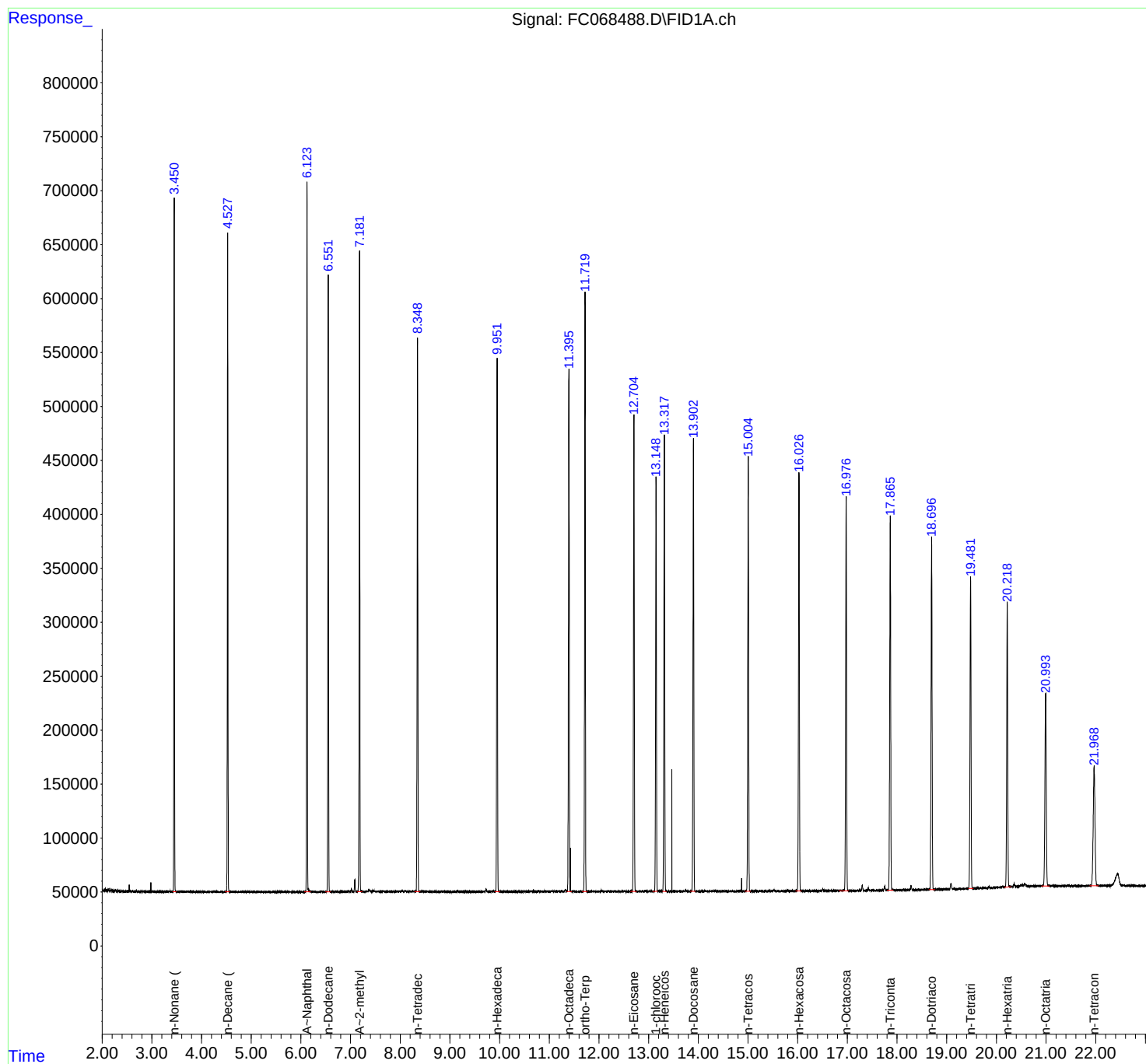
(m)=manual int.

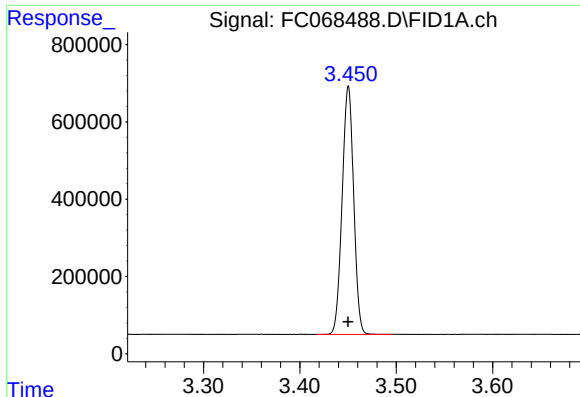
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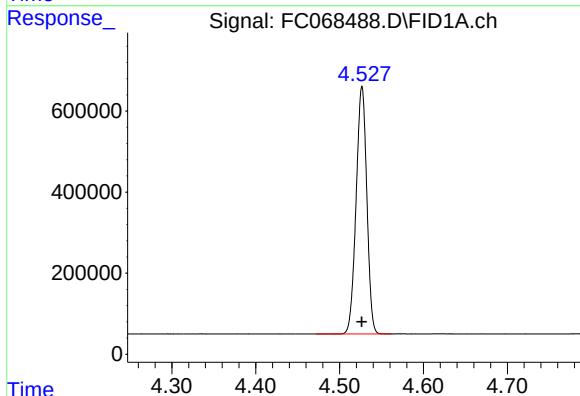




#1 n-Nonane (C9)

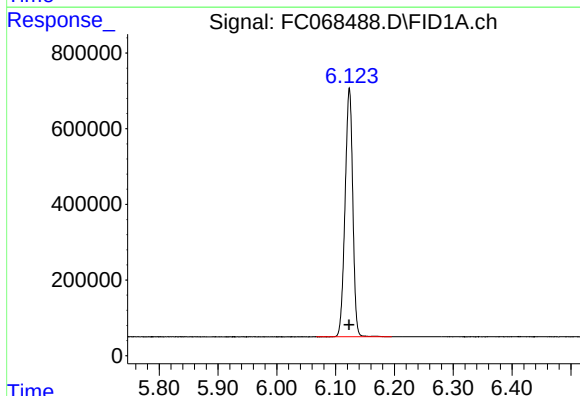
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 5318977
Conc: 49.58 ug/ml

Instrument :
FID_C
ClientSampleId :



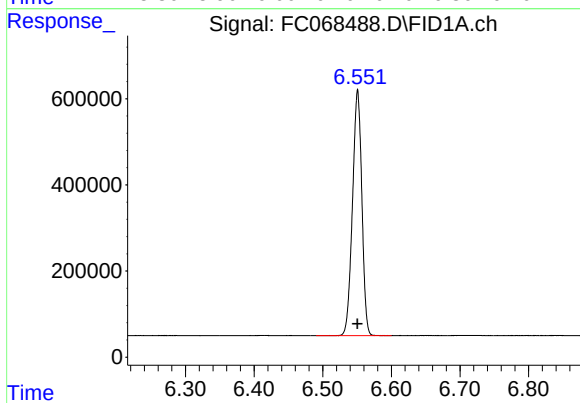
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 5404406
Conc: 49.58 ug/ml



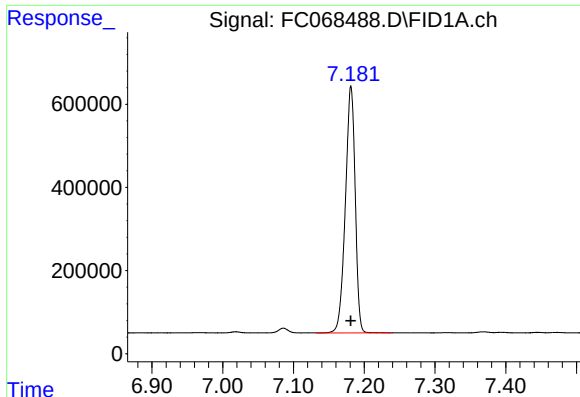
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 5978980
Conc: 49.61 ug/ml



#4 n-Dodecane (C12)

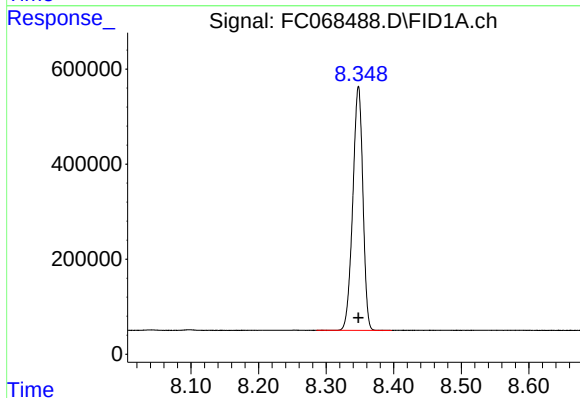
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 5406644
Conc: 49.70 ug/ml



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

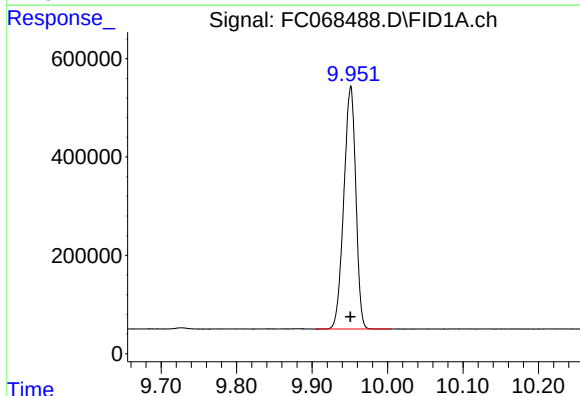
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 5719500
Conc: 49.54 ug/ml

Instrument :
FID_C
ClientSampleId :



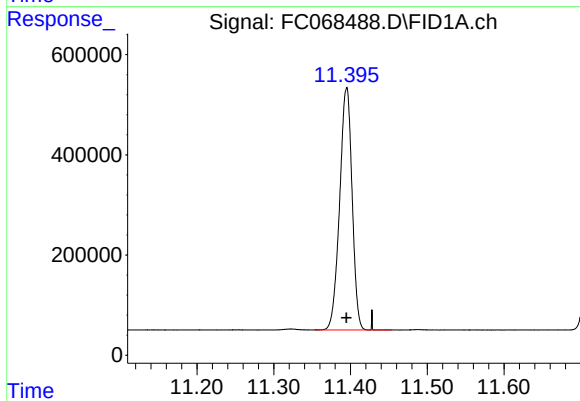
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 5330711
Conc: 49.78 ug/ml



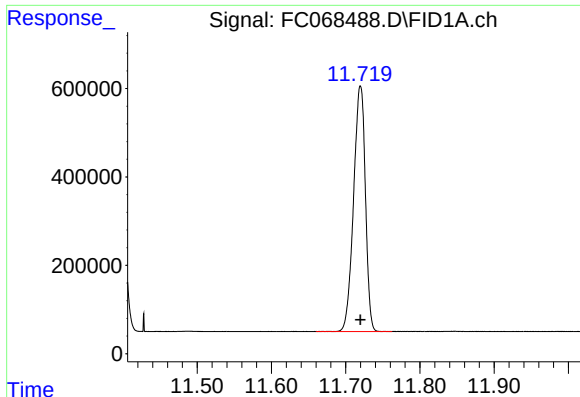
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 5452168
Conc: 49.72 ug/ml



#8 n-Octadecane (C18)

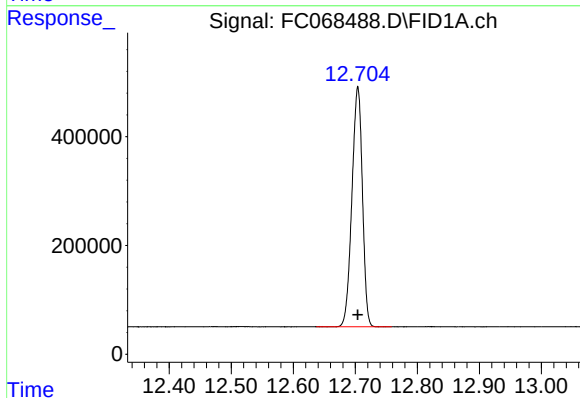
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 5466805
Conc: 49.98 ug/ml



#9 ortho-Terphenyl (SURR)

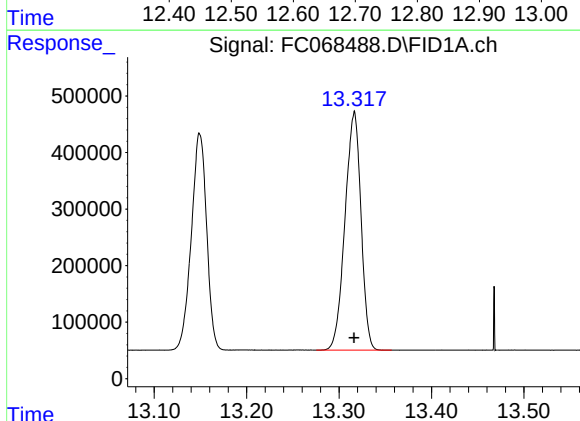
R.T.: 11.720 min
Delta R.T.: 0.000 min
Response: 6134078
Conc: 49.59 ug/ml

Instrument :
FID_C
ClientSampleId :



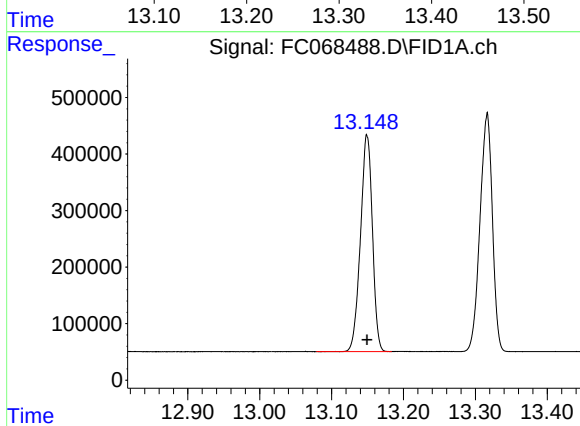
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.000 min
Response: 5169871
Conc: 49.61 ug/ml



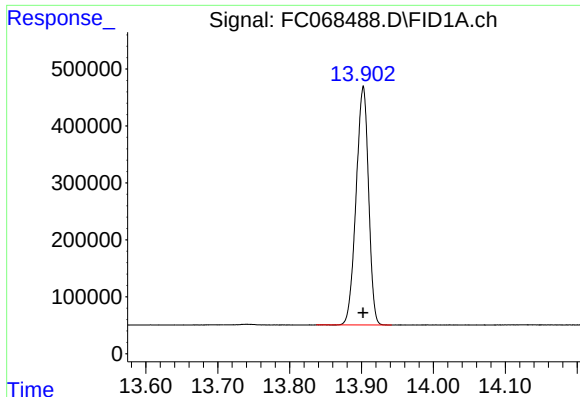
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.000 min
Response: 5069424
Conc: 49.52 ug/ml



#12 1-chlorooctadecane (SURR)

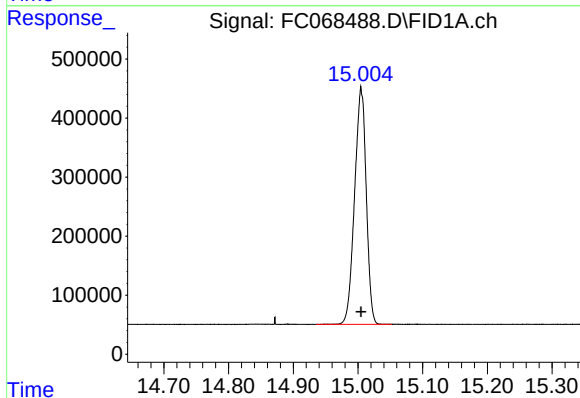
R.T.: 13.149 min
Delta R.T.: 0.000 min
Response: 4414115
Conc: 49.60 ug/ml



#13 n-Docosane (C22)

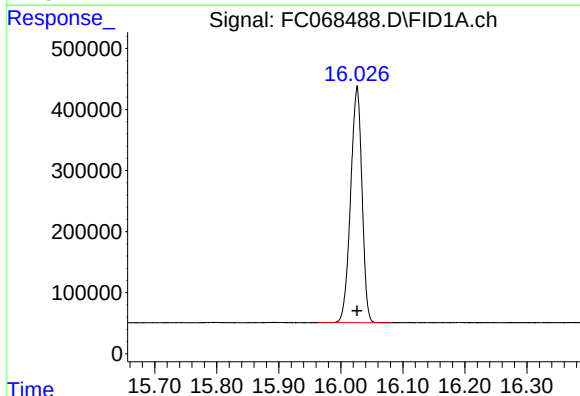
R.T.: 13.902 min
Delta R.T.: 0.000 min
Response: 5029032
Conc: 49.36 ug/ml

Instrument :
FID_C
ClientSampleId :



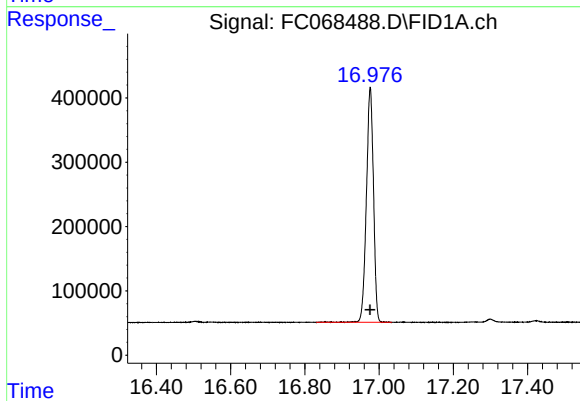
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.000 min
Response: 5012342
Conc: 49.12 ug/ml



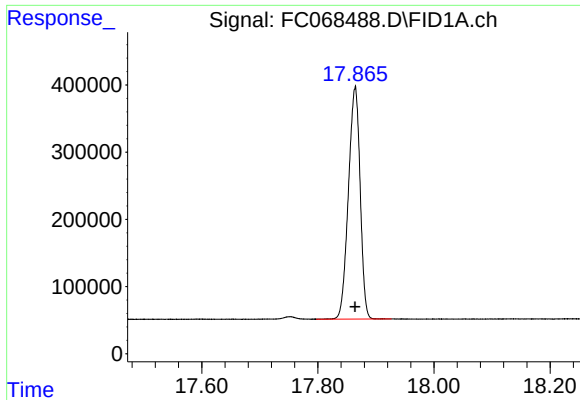
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.000 min
Response: 4918591
Conc: 49.00 ug/ml



#16 n-Octacosane (C28)

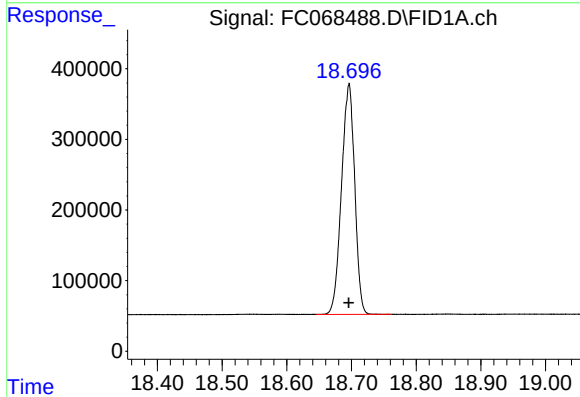
R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 4831854
Conc: 49.03 ug/ml



#17 n-Tricontane (C30)

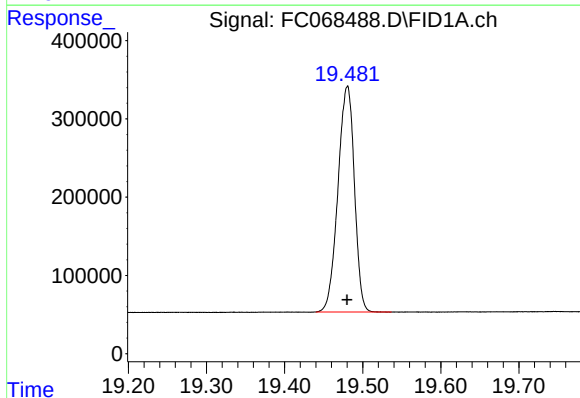
R.T.: 17.864 min
Delta R.T.: 0.000 min
Response: 4849869
Conc: 49.03 ug/ml

Instrument :
FID_C
ClientSampleId :



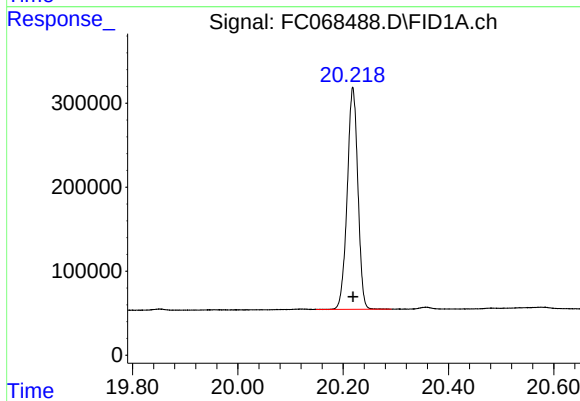
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 4631503
Conc: 49.09 ug/ml



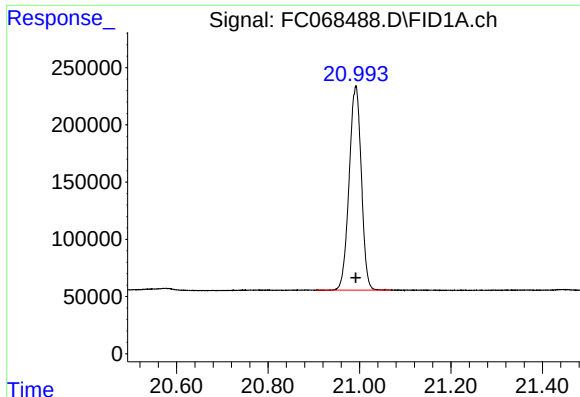
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: 0.000 min
Response: 4230904
Conc: 49.29 ug/ml



#20 n-Hexatriacontane (C36)

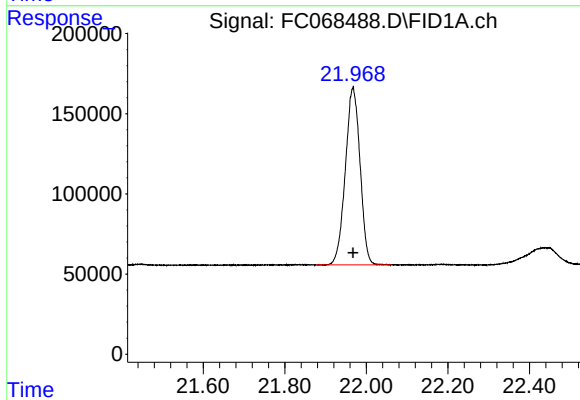
R.T.: 20.218 min
Delta R.T.: 0.000 min
Response: 3706900
Conc: 49.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: 0.000 min
Response: 3298239
Conc: 50.15 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 2768199
Conc: 51.12 ug/ml