

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067924.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 19:39
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 00:23:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 2024
 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)	11.472	3445430	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	12.913	2601771	17.923 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.253	3004234	18.418 ug/ml
2) T n-Decane (C10)	4.315	3119811	18.813 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3435355	18.756 ug/ml
4) T n-Dodecane (C12)	6.330	3174195	18.846 ug/ml
5) T A~2-methylnaphthalene...	6.946	3328050	18.765 ug/ml
6) T n-Tetradecane (C14)	8.123	3155542	18.842 ug/ml
7) T n-Hexadecane (C16)	9.721	3232842	18.655 ug/ml
8) T n-Octadecane (C18)	11.162	3252910	18.489 ug/ml
10) T n-Eicosane (C20)	12.470	3122177	18.542 ug/ml
11) T n-Heneicosane (C21)	13.081	2982829	18.128 ug/ml
13) T n-Docosane (C22)	13.667	3114618	19.125 ug/ml
14) T n-Tetracosane (C24)	14.769	3349723	20.886 ug/ml
15) T n-Hexacosane (C26)	15.788	3465944	22.381 ug/ml
16) T n-Octacosane (C28)	16.737	3543191	23.461 ug/ml
17) T n-Tricontane (C30)	17.623	3573497	23.340 ug/ml
18) T n-Dotriacontane (C32)	18.455	3383811	22.911 ug/ml
19) T n-Tetratriacontane (C34)	19.237	2656329	21.060 ug/ml
20) T n-Hexatriacontane (C36)	19.975	2201056	21.045 ug/ml
21) T n-Octatriacontane (C38)	20.697	1962787	20.093 ug/ml
22) T n-Tetracontane (C40)	21.575	1860875	19.092 ug/ml

(f)=RT Delta > 1/2 Window

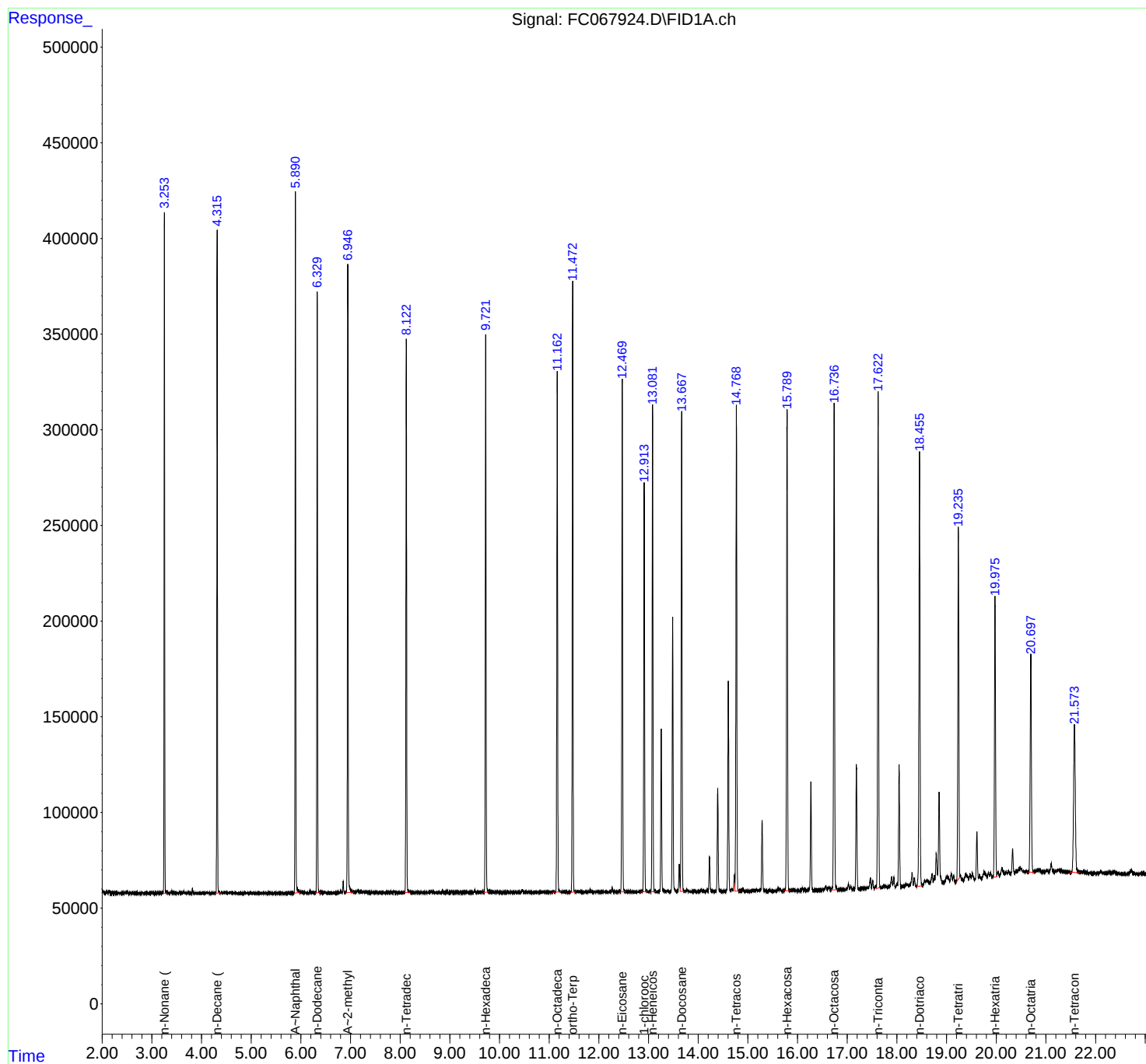
(m)=manual int.

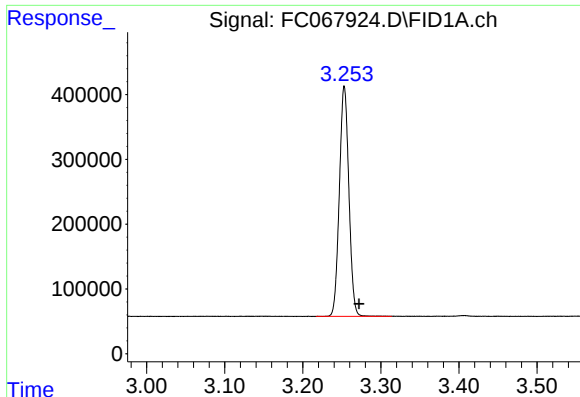
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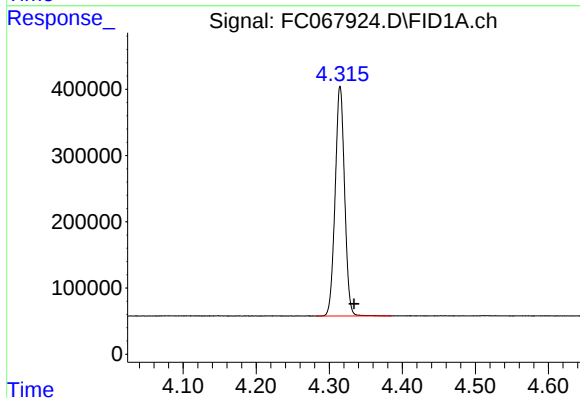




#1 n-Nonane (C9)

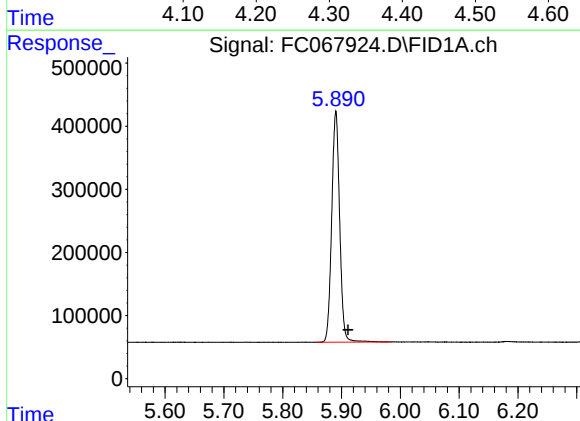
R.T.: 3.253 min
Delta R.T.: -0.019 min
Response: 3004234
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :



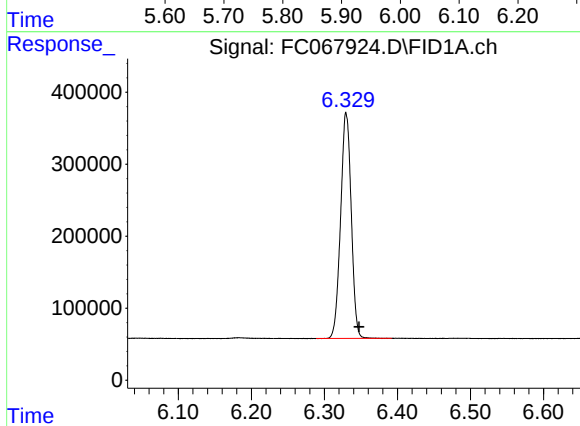
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 3119811
Conc: 18.81 ug/ml



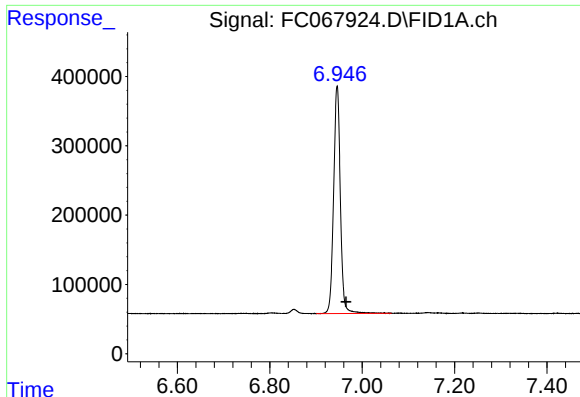
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.020 min
Response: 3435355
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

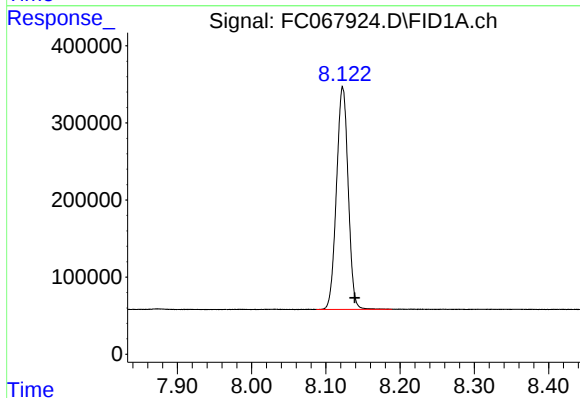
R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 3174195
Conc: 18.85 ug/ml



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

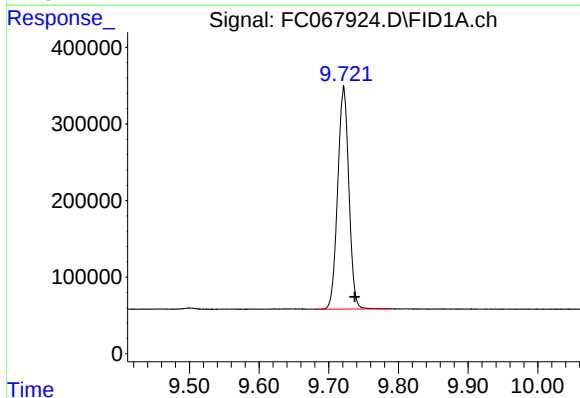
R.T.: 6.946 min
Delta R.T.: -0.019 min
Response: 3328050
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :



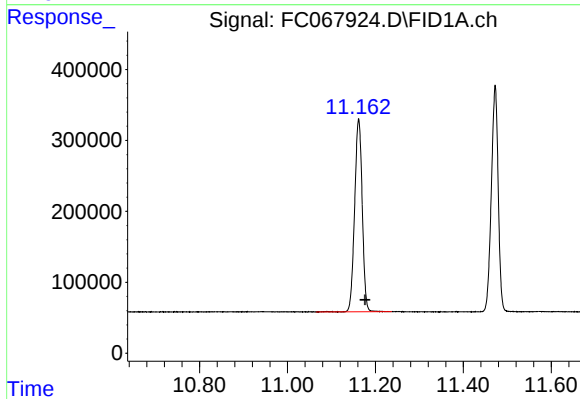
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: -0.016 min
Response: 3155542
Conc: 18.84 ug/ml



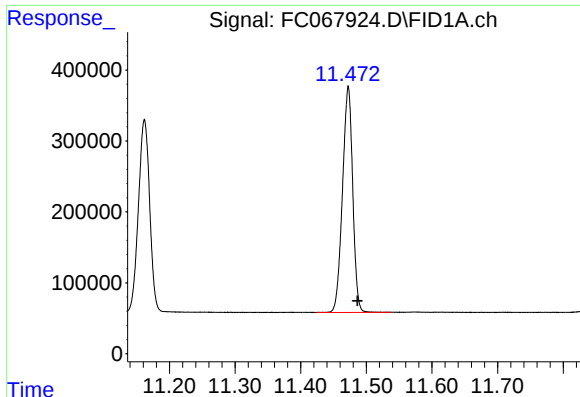
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.016 min
Response: 3232842
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

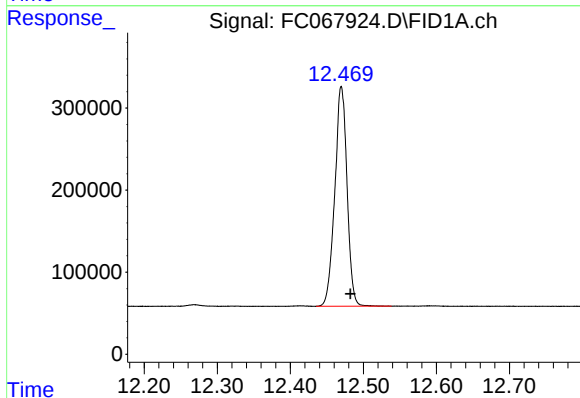
R.T.: 11.162 min
Delta R.T.: -0.014 min
Response: 3252910
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

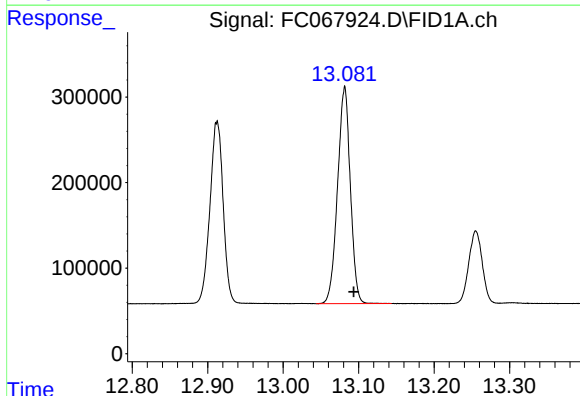
R.T.: 11.472 min
Delta R.T.: -0.014 min
Response: 3445430
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :



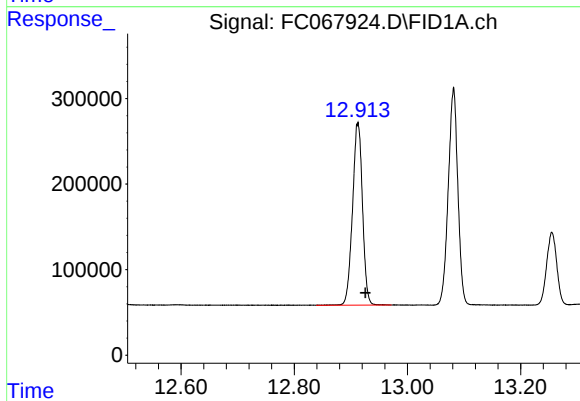
#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: -0.012 min
Response: 3122177
Conc: 18.54 ug/ml



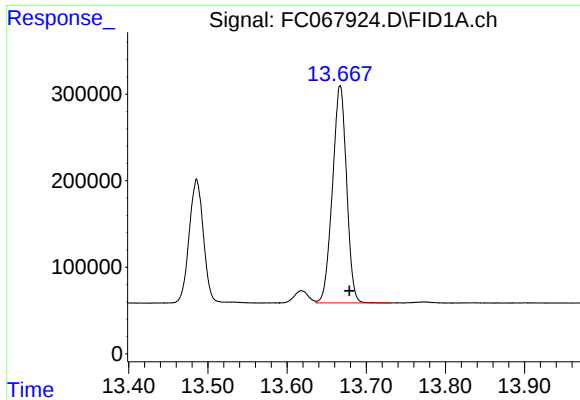
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: -0.012 min
Response: 2982829
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

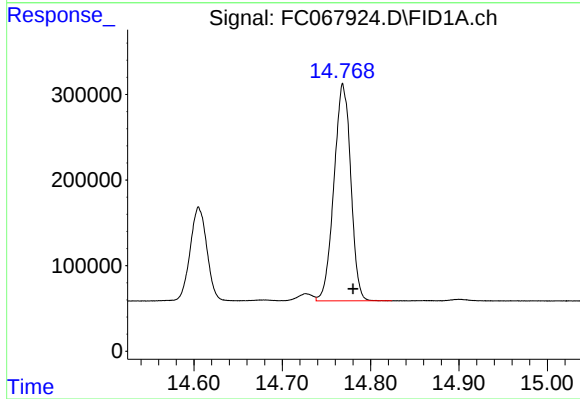
R.T.: 12.913 min
Delta R.T.: -0.013 min
Response: 2601771
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

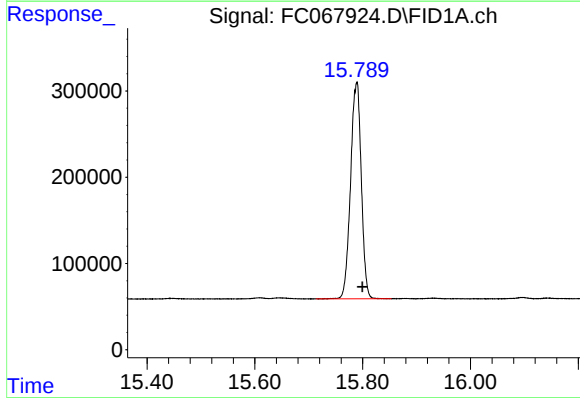
R.T.: 13.667 min
Delta R.T.: -0.012 min
Response: 3114618
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :



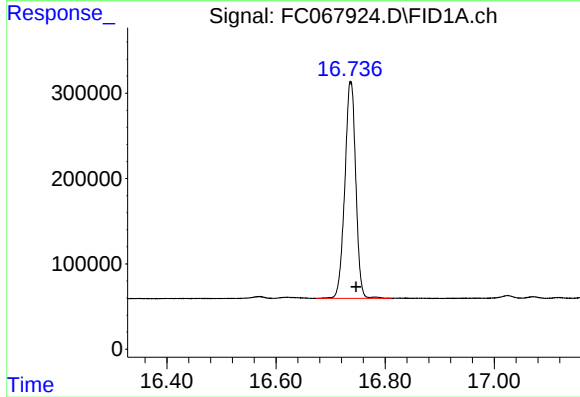
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.011 min
Response: 3349723
Conc: 20.89 ug/ml



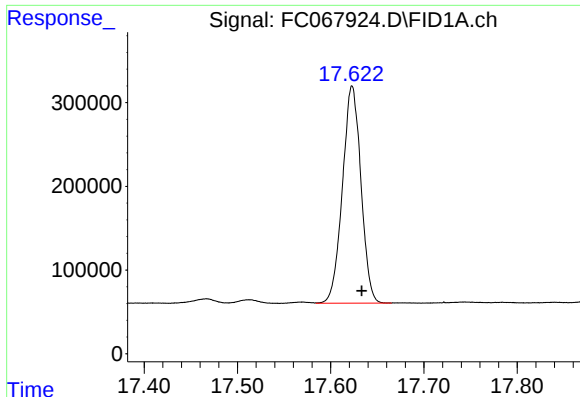
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: -0.011 min
Response: 3465944
Conc: 22.38 ug/ml



#16 n-Octacosane (C28)

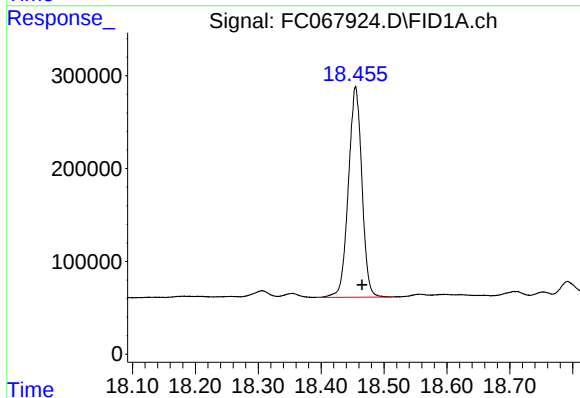
R.T.: 16.737 min
Delta R.T.: -0.010 min
Response: 3543191
Conc: 23.46 ug/ml



#17 n-Tricontane (C30)

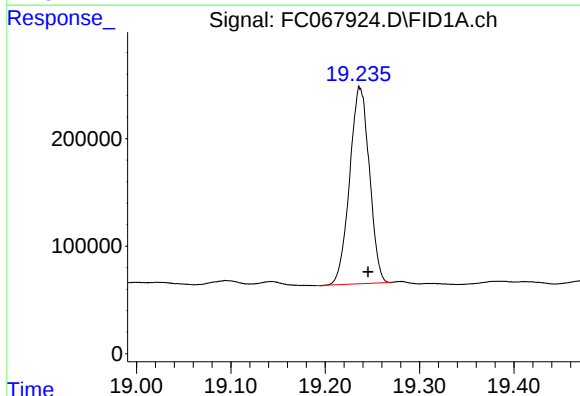
R.T.: 17.623 min
Delta R.T.: -0.010 min
Response: 3573497
Conc: 23.34 ug/ml

Instrument :
FID_C
ClientSampleId :



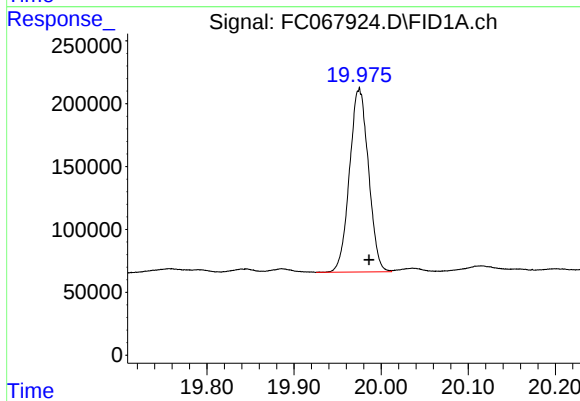
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.010 min
Response: 3383811
Conc: 22.91 ug/ml



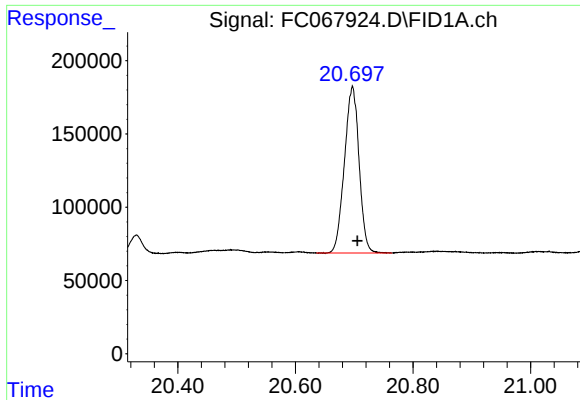
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: -0.009 min
Response: 2656329
Conc: 21.06 ug/ml



#20 n-Hexatriacontane (C36)

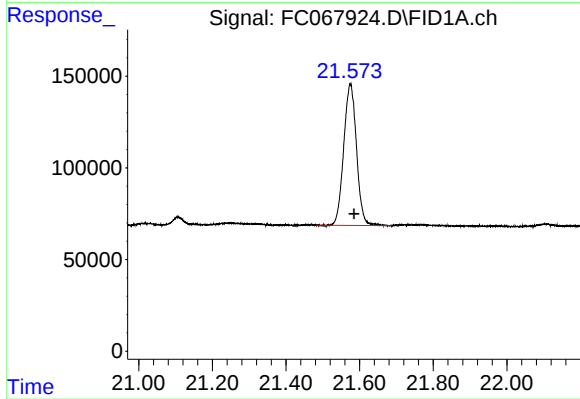
R.T.: 19.975 min
Delta R.T.: -0.011 min
Response: 2201056
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.009 min
Response: 1962787
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.011 min
Response: 1860875
Conc: 19.09 ug/ml