

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068754.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 19:42
 Operator : YP/AJ
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-QMS

Integration File: sample.E
 Quant Time: May 05 11:48:53 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)	11.714	2971417	23.335 ug/ml
Spiked Amount 50.000		Recovery =	46.67%
12) S 1-chlorooctadecane (S...	13.147	2351177	25.310 ug/ml
Spiked Amount 50.000		Recovery =	50.62%
Target Compounds			
1) T n-Nonane (C9)	3.445	3474612	32.990 ug/ml
2) T n-Decane (C10)	4.521	3858767	36.625 ug/ml
3) T A~Naphthalene (C11.7)	6.117	4555844	39.119 ug/ml
4) T n-Dodecane (C12)	6.546	3991671	37.957 ug/ml
5) T A~2-methylnaphthalene...	7.176	4219335	36.532 ug/ml
6) T n-Tetradecane (C14)	8.344	4145350	40.323 ug/ml
7) T n-Hexadecane (C16)	9.947	4393332	43.139 ug/ml
8) T n-Octadecane (C18)	11.391	4524307	44.959 ug/ml
10) T n-Eicosane (C20)	12.703	4664047	47.418 ug/ml
11) T n-Heneicosane (C21)	13.315	4453647	45.699 ug/ml
13) T n-Docosane (C22)	13.902	4435323	45.917 ug/ml
14) T n-Tetracosane (C24)	15.000	9305303	97.761 ug/ml
15) T n-Hexacosane (C26)	16.031	4344438	46.512 ug/ml
16) T n-Octacosane (C28)	16.980	4407162	48.135 ug/ml
17) T n-Tricontane (C30)	17.870	4419685	48.076 ug/ml
18) T n-Dotriacontane (C32)	18.702	4409721	48.074 ug/ml
19) T n-Tetratriacontane (C34)	19.487	4472132	50.058 ug/ml
20) T n-Hexatriacontane (C36)	20.228	4314181	48.161 ug/ml
21) T n-Octatriacontane (C38)	21.004	4284800	48.464 ug/ml
22) T n-Tetracontane (C40)	21.983	4246318	48.086 ug/ml

(f)=RT Delta > 1/2 Window

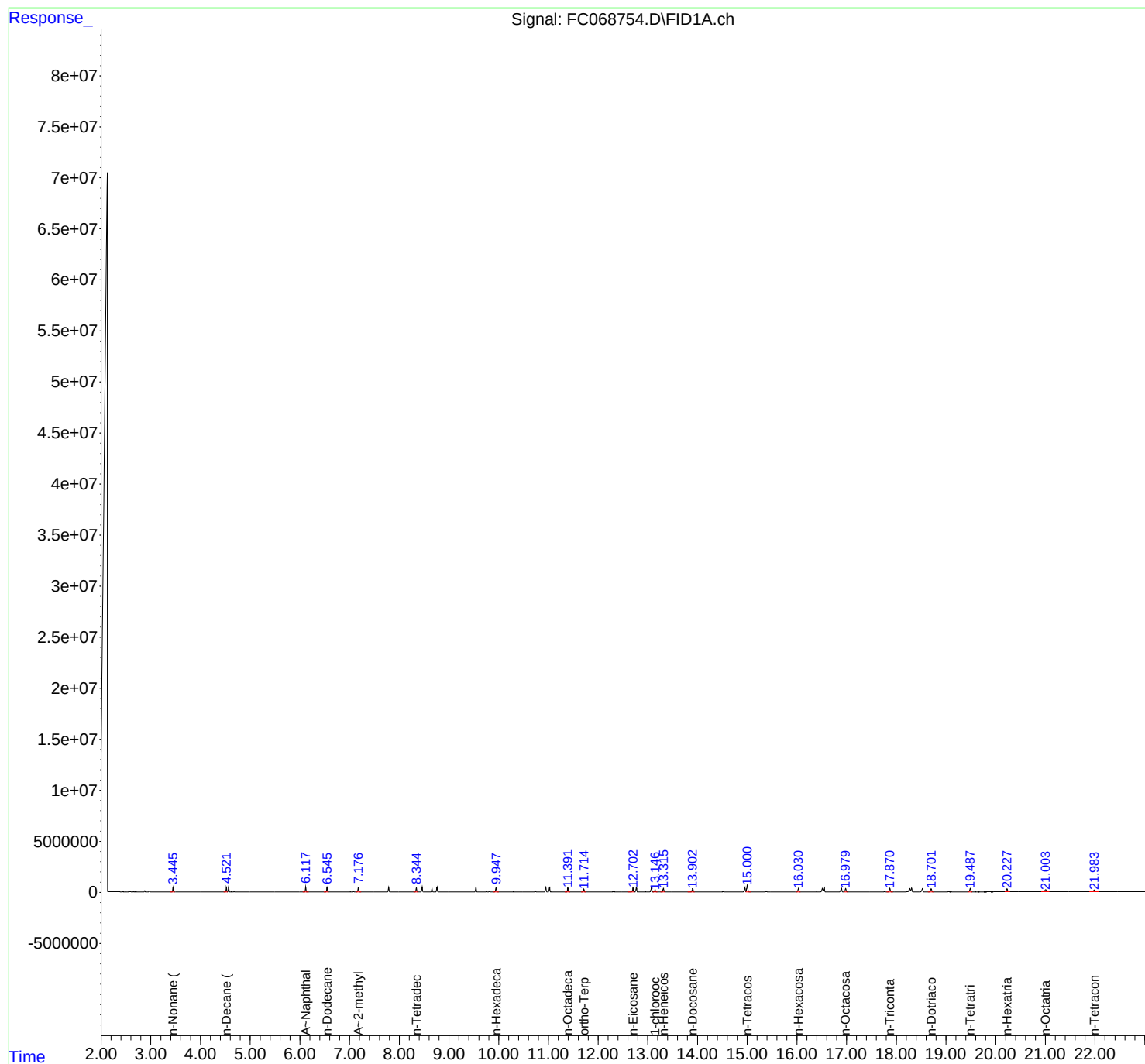
(m)=manual int.

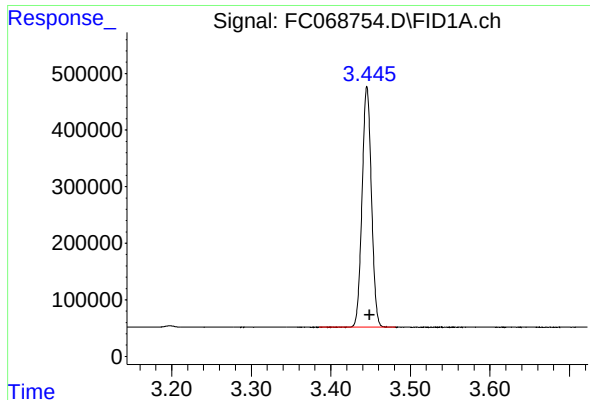
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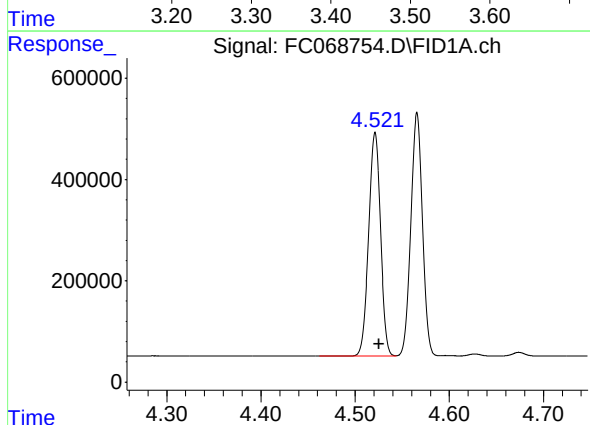




#1 n-Nonane (C9)

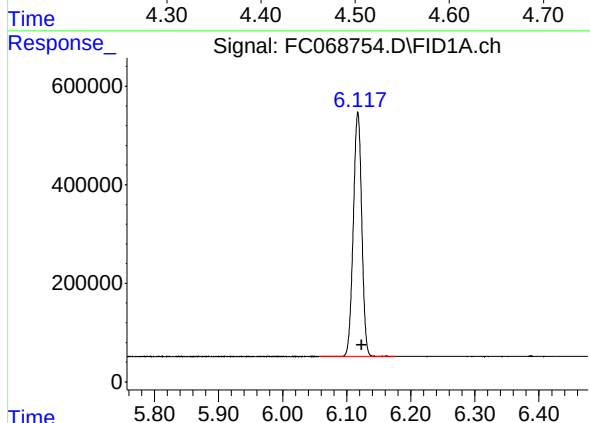
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 3474612
Conc: 32.99 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



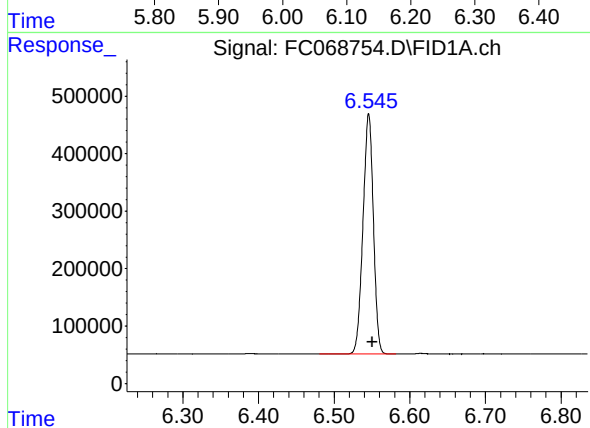
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 3858767
Conc: 36.62 ug/ml



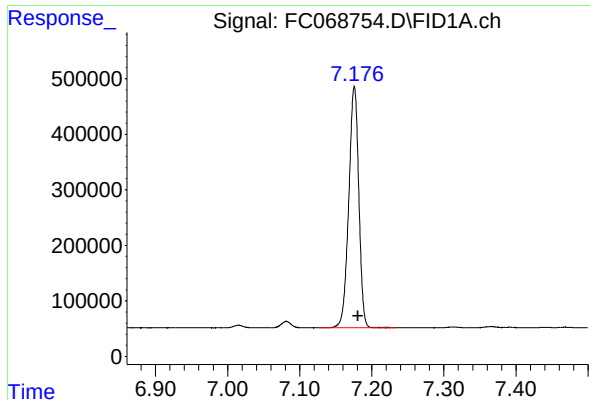
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 4555844
Conc: 39.12 ug/ml



#4 n-Dodecane (C12)

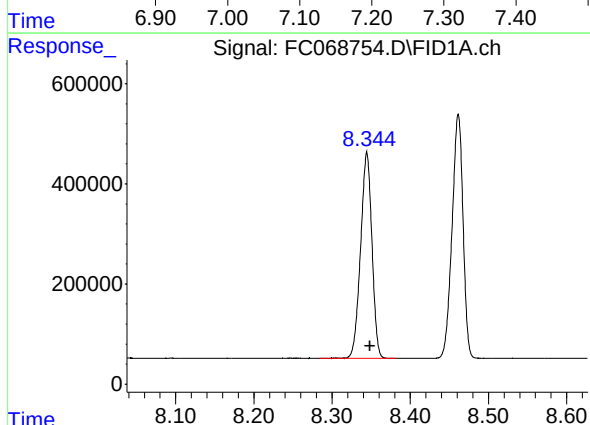
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 3991671
Conc: 37.96 ug/ml



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

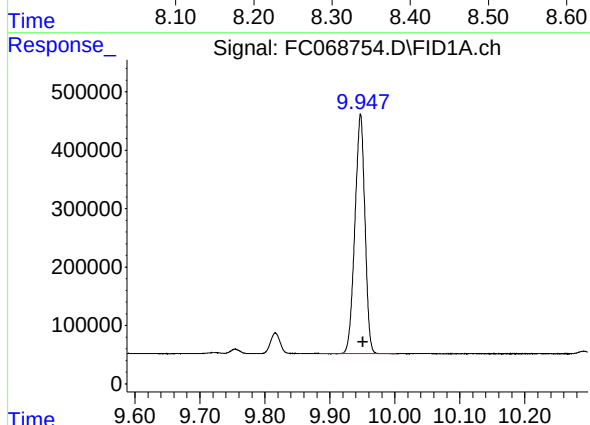
R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 4219335
Conc: 36.53 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



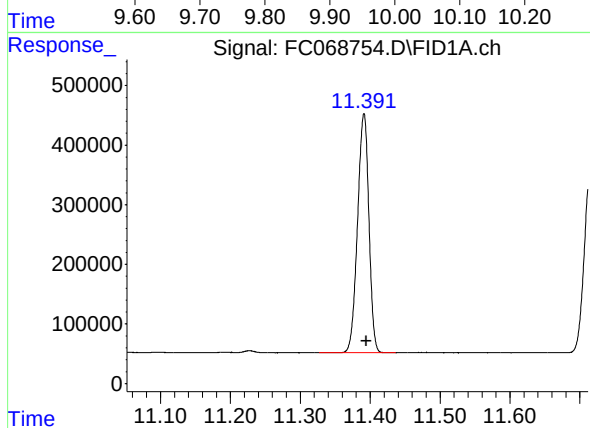
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 4145350
Conc: 40.32 ug/ml



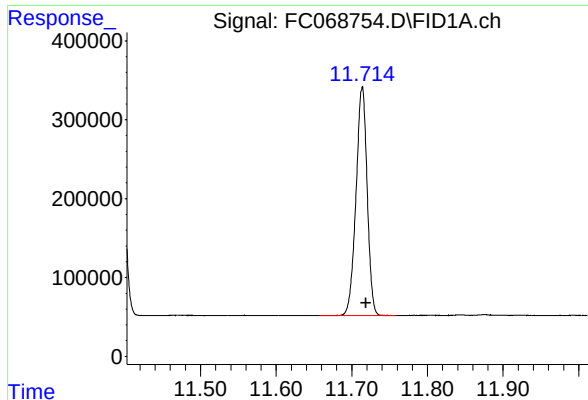
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: -0.004 min
Response: 4393332
Conc: 43.14 ug/ml



#8 n-Octadecane (C18)

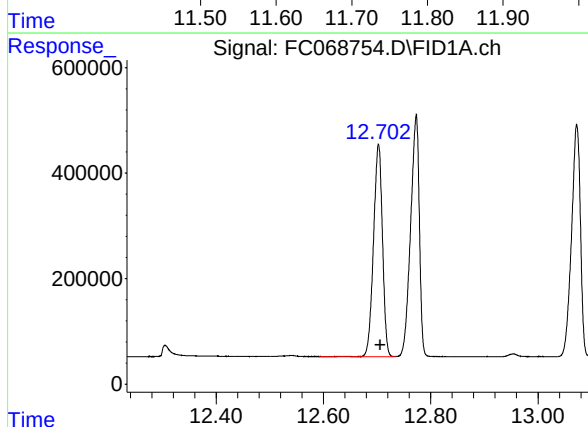
R.T.: 11.391 min
Delta R.T.: -0.004 min
Response: 4524307
Conc: 44.96 ug/ml



#9 ortho-Terphenyl (SURR)

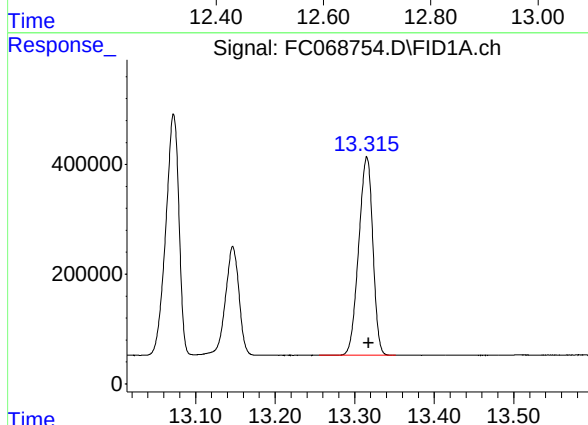
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 2971417
Conc: 23.33 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



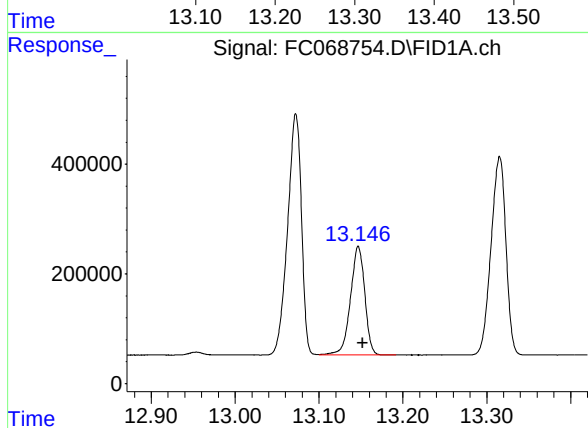
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.003 min
Response: 4664047
Conc: 47.42 ug/ml



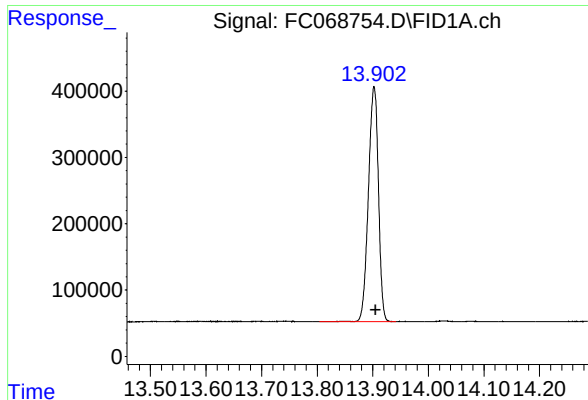
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 4453647
Conc: 45.70 ug/ml



#12 1-chlorooctadecane (SURR)

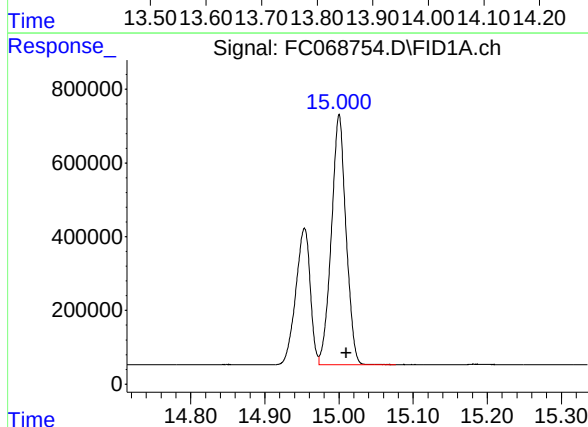
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 2351177
Conc: 25.31 ug/ml



#13 n-Docosane (C22)

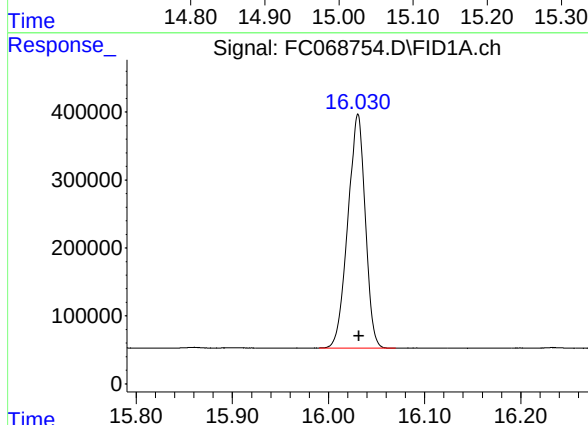
R.T.: 13.902 min
Delta R.T.: -0.003 min
Response: 4435323
Conc: 45.92 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



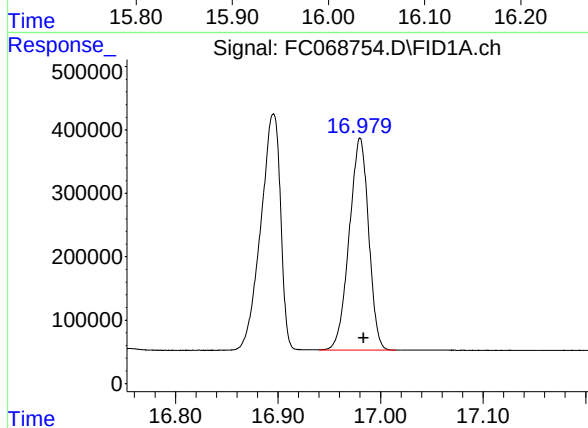
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.010 min
Response: 9305303
Conc: 97.76 ug/ml



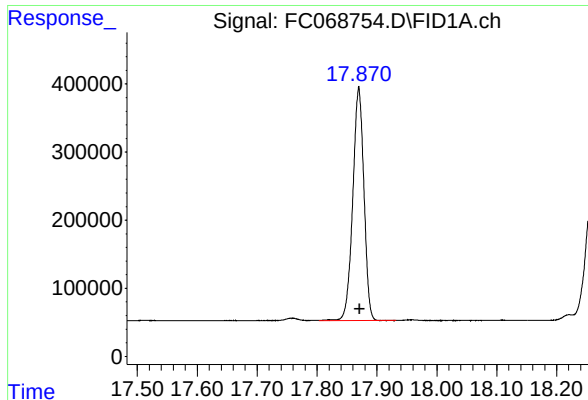
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: -0.001 min
Response: 4344438
Conc: 46.51 ug/ml



#16 n-Octacosane (C28)

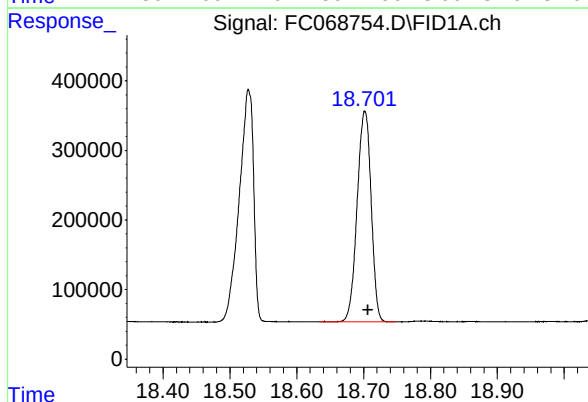
R.T.: 16.980 min
Delta R.T.: -0.004 min
Response: 4407162
Conc: 48.14 ug/ml



#17 n-Tricontane (C30)

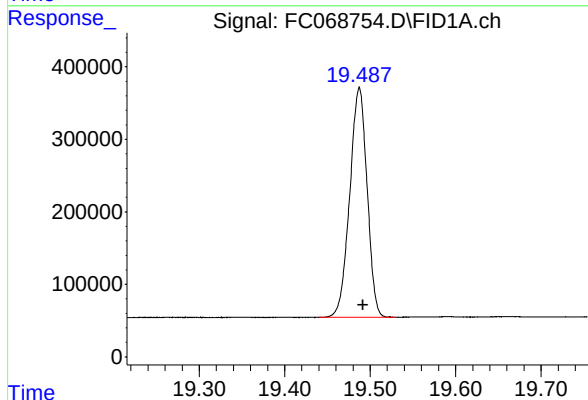
R.T.: 17.870 min
Delta R.T.: -0.002 min
Response: 4419685
Conc: 48.08 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



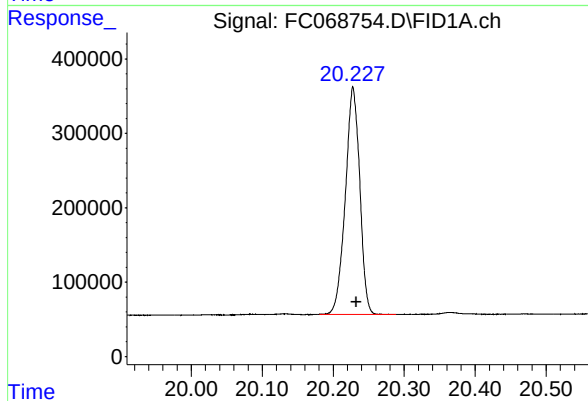
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.005 min
Response: 4409721
Conc: 48.07 ug/ml



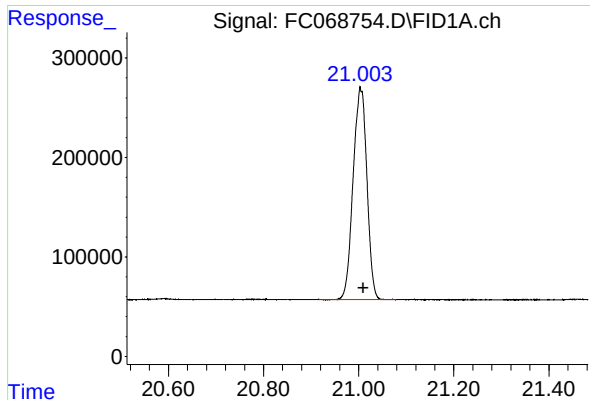
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min
Delta R.T.: -0.005 min
Response: 4472132
Conc: 50.06 ug/ml



#20 n-Hexatriacontane (C36)

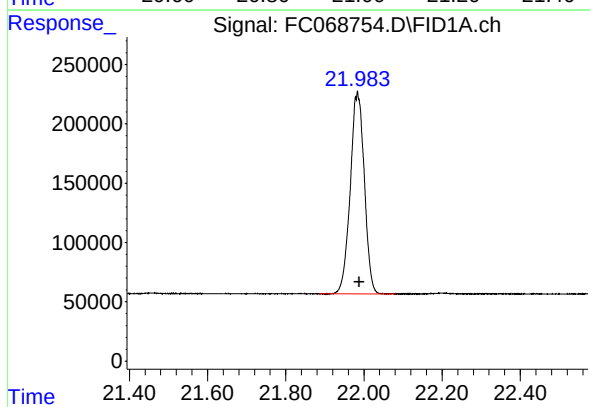
R.T.: 20.228 min
Delta R.T.: -0.004 min
Response: 4314181
Conc: 48.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.005 min
Response: 4284800
Conc: 48.46 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMS



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.006 min
Response: 4246318
Conc: 48.09 ug/ml