

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042825AL\
 Data File : FC068708.D
 Signal(s) : FID1A.ch
 Acq On : 28 Apr 2025 19:00
 Operator : YP/AJ
 Sample : Q1892-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-HMSD

Integration File: autoint1.e
 Quant Time: Apr 29 03:08:30 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)	11.720	3591767	28.207 ug/ml
Spiked Amount 50.000		Recovery =	56.41%
12) S 1-chlorooctadecane (S...	13.153	2834273	30.511 ug/ml
Spiked Amount 50.000		Recovery =	61.02%
Target Compounds			
1) T n-Nonane (C9)	3.447	2773324	26.332 ug/ml
2) T n-Decane (C10)	4.524	3078122	29.215 ug/ml
3) T A~Naphthalene (C11.7)	6.122	3637059	31.230 ug/ml
4) T n-Dodecane (C12)	6.550	3133096	29.793 ug/ml
5) T A~2-methylnaphthalene...	7.181	3321876	28.761 ug/ml
6) T n-Tetradecane (C14)	8.349	3147739	30.619 ug/ml
7) T n-Hexadecane (C16)	9.951	3225751	31.674 ug/ml
8) T n-Octadecane (C18)	11.395	3369937	33.488 ug/ml
10) T n-Eicosane (C20)	12.707	3520673	35.794 ug/ml
11) T n-Heneicosane (C21)	13.320	3380778	34.690 ug/ml
13) T n-Docosane (C22)	13.907	3374502	34.935 ug/ml
14) T n-Tetracosane (C24)	15.005	7303130	76.726 ug/ml
15) T n-Hexacosane (C26)	16.036	3405818	36.463 ug/ml
16) T n-Octacosane (C28)	16.985	3457326	37.761 ug/ml
17) T n-Tricontane (C30)	17.876	3471167	37.758 ug/ml
18) T n-Dotriacontane (C32)	18.709	3467309	37.800 ug/ml
19) T n-Tetratriacontane (C34)	19.494	3497193	39.145 ug/ml
20) T n-Hexatriacontane (C36)	20.235	3367143	37.589 ug/ml
21) T n-Octatriacontane (C38)	21.013	3325870	37.618 ug/ml
22) T n-Tetracontane (C40)	21.994	3286648	37.219 ug/ml

(f)=RT Delta > 1/2 Window

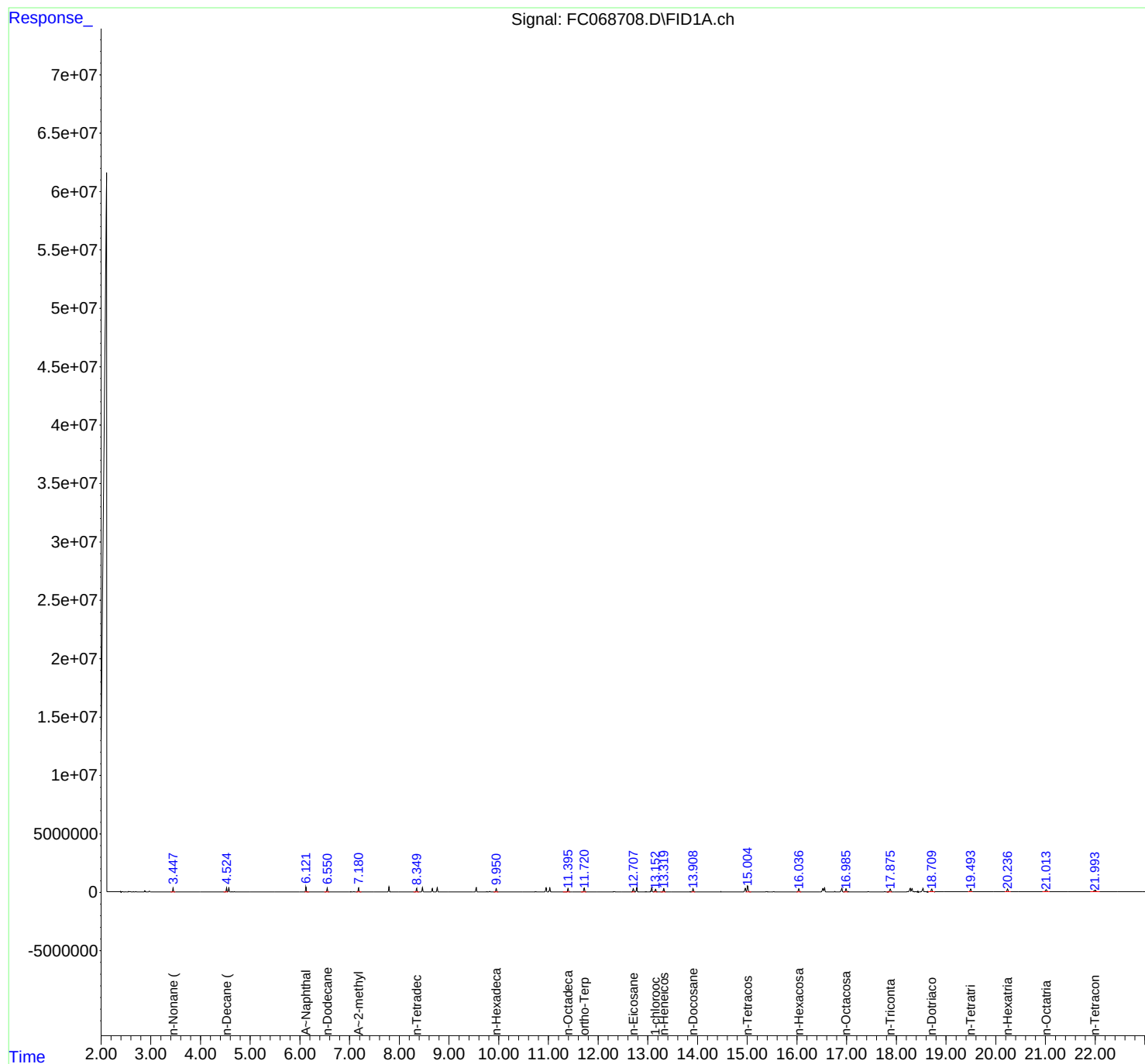
(m)=manual int.

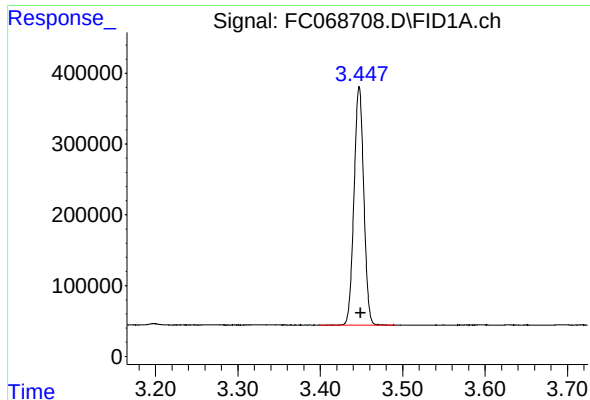
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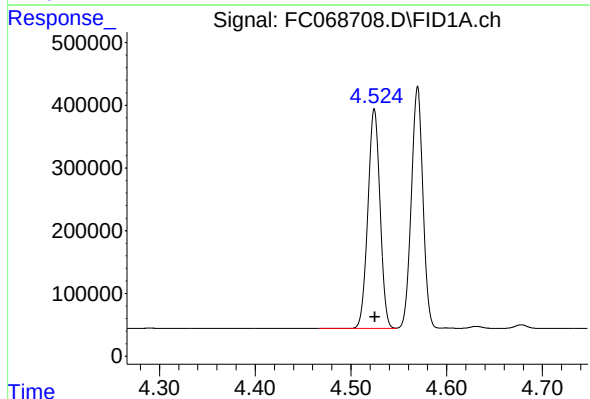




#1 n-Nonane (C9)

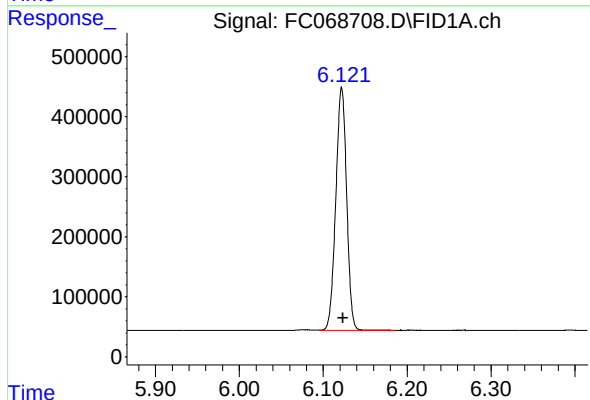
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2773324
Conc: 26.33 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



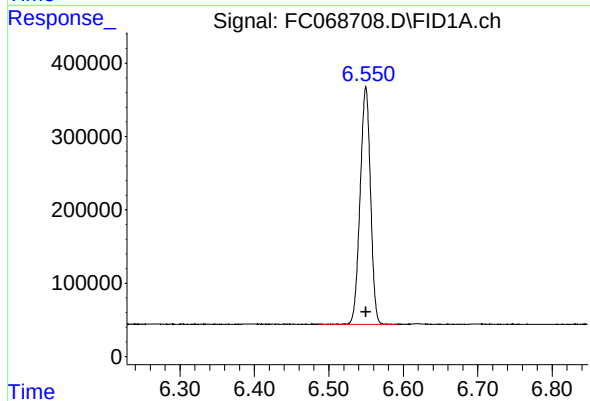
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3078122
Conc: 29.22 ug/ml



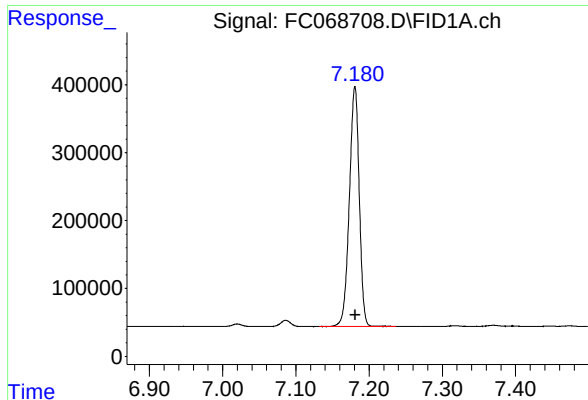
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 3637059
Conc: 31.23 ug/ml



#4 n-Dodecane (C12)

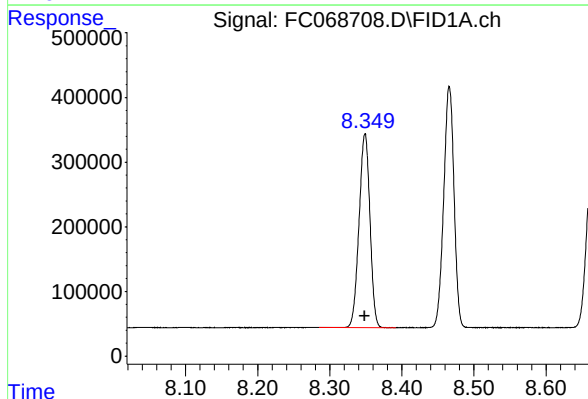
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 3133096
Conc: 29.79 ug/ml



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

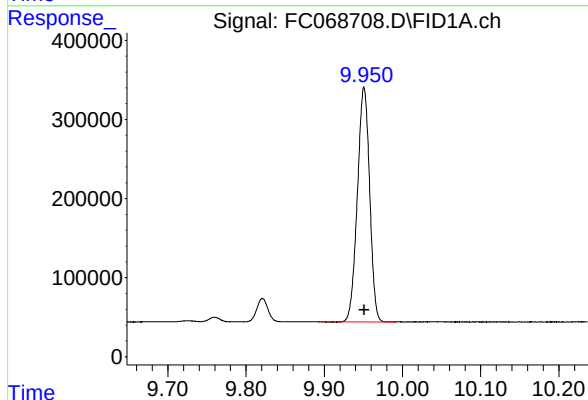
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 3321876
Conc: 28.76 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



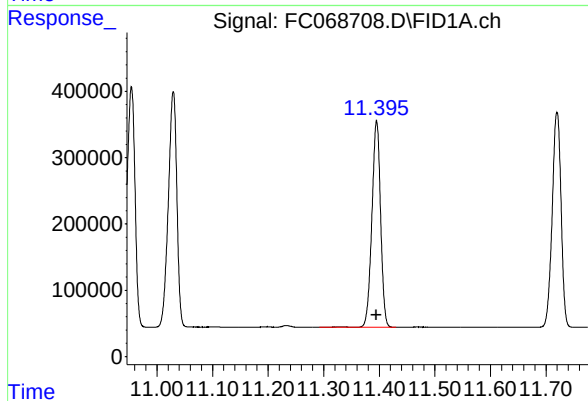
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 3147739
Conc: 30.62 ug/ml



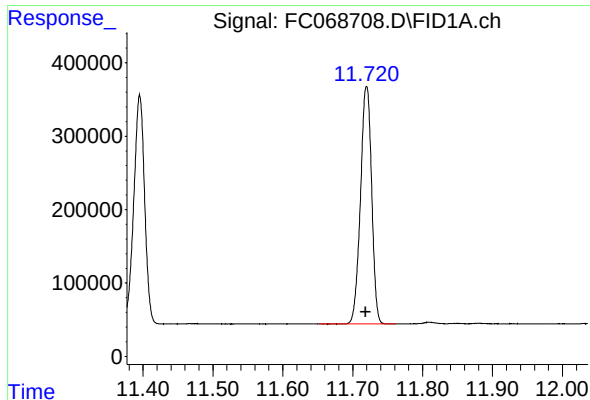
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 3225751
Conc: 31.67 ug/ml



#8 n-Octadecane (C18)

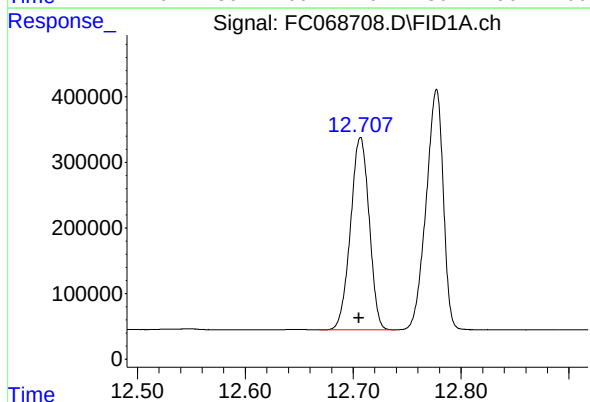
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 3369937
Conc: 33.49 ug/ml



#9 ortho-Terphenyl (SURR)

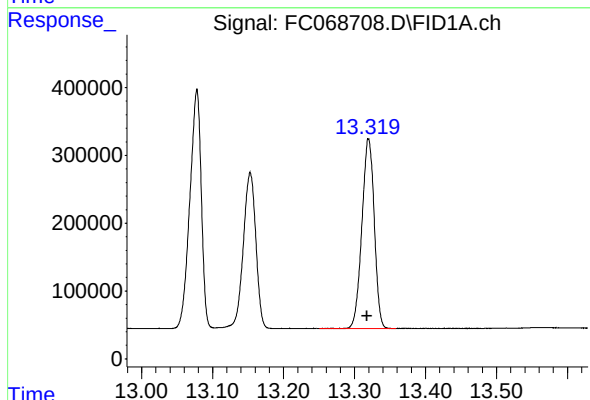
R.T.: 11.720 min
Delta R.T.: 0.001 min
Response: 3591767
Conc: 28.21 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



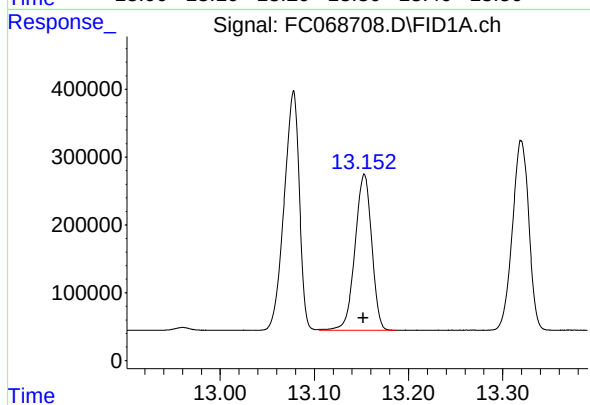
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 3520673
Conc: 35.79 ug/ml



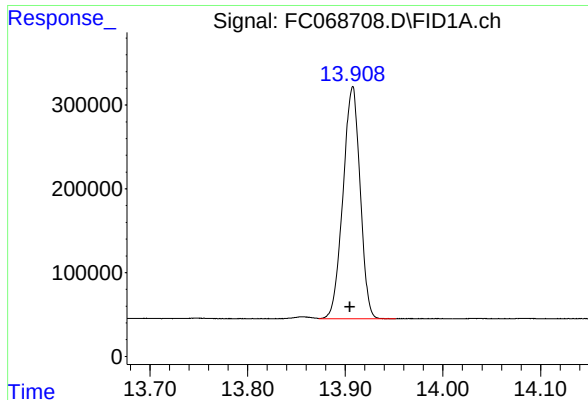
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 3380778
Conc: 34.69 ug/ml



#12 1-chlorooctadecane (SURR)

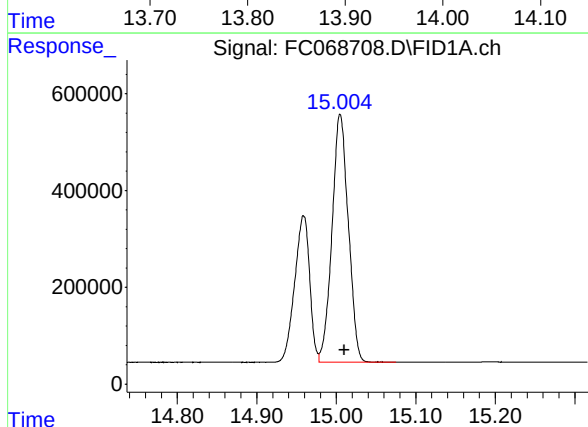
R.T.: 13.153 min
Delta R.T.: 0.001 min
Response: 2834273
Conc: 30.51 ug/ml



#13 n-Docosane (C22)

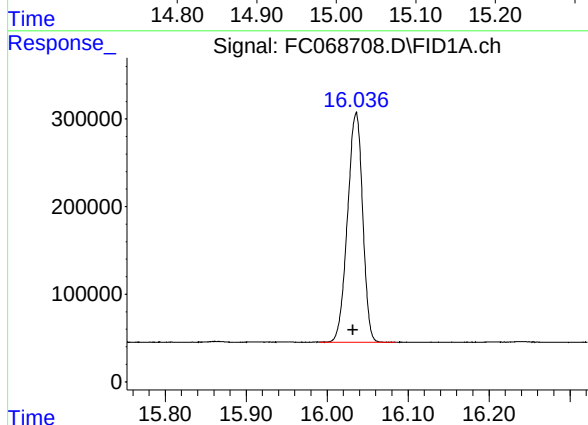
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 3374502
Conc: 34.93 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



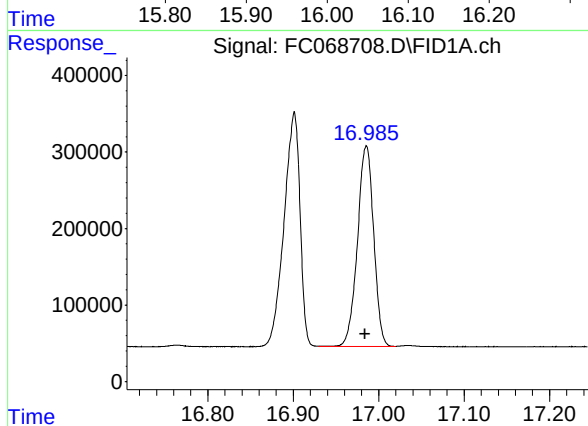
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 7303130
Conc: 76.73 ug/ml



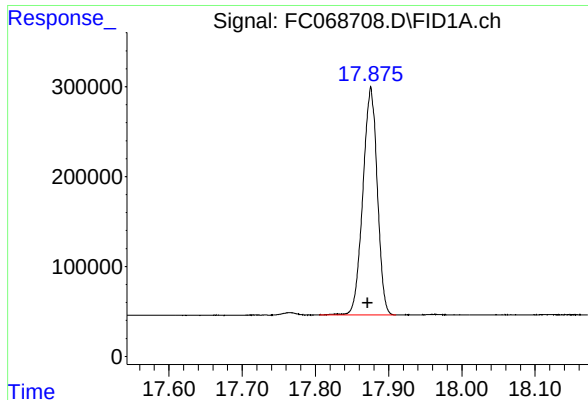
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 3405818
Conc: 36.46 ug/ml



#16 n-Octacosane (C28)

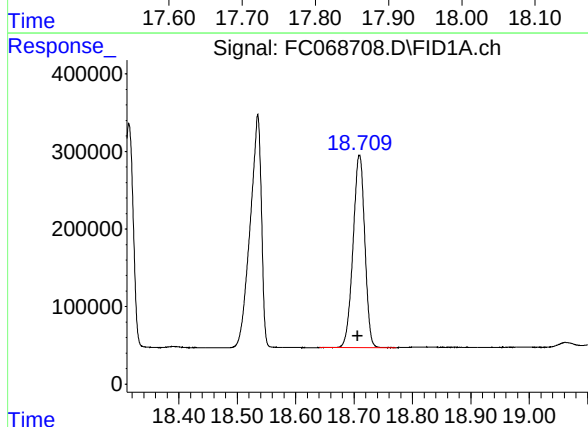
R.T.: 16.985 min
Delta R.T.: 0.002 min
Response: 3457326
Conc: 37.76 ug/ml



#17 n-Tricontane (C30)

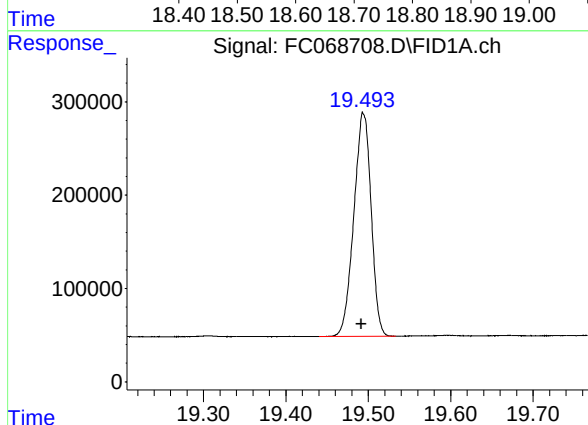
R.T.: 17.876 min
Delta R.T.: 0.004 min
Response: 3471167
Conc: 37.76 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



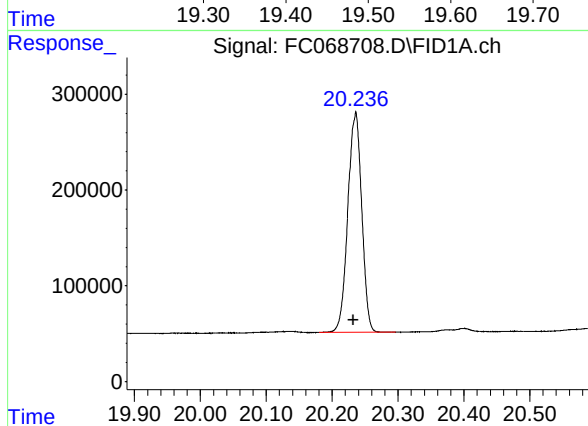
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.003 min
Response: 3467309
Conc: 37.80 ug/ml



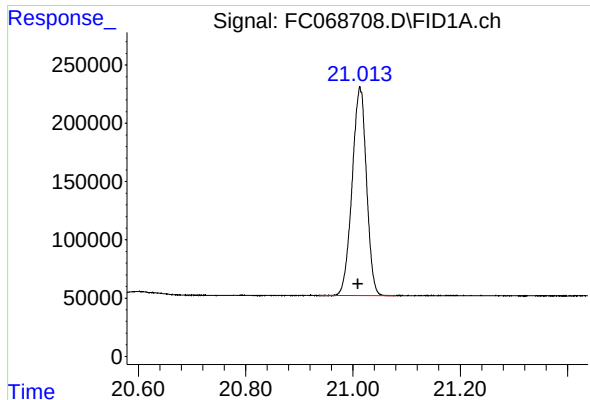
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.003 min
Response: 3497193
Conc: 39.15 ug/ml



#20 n-Hexatriacontane (C36)

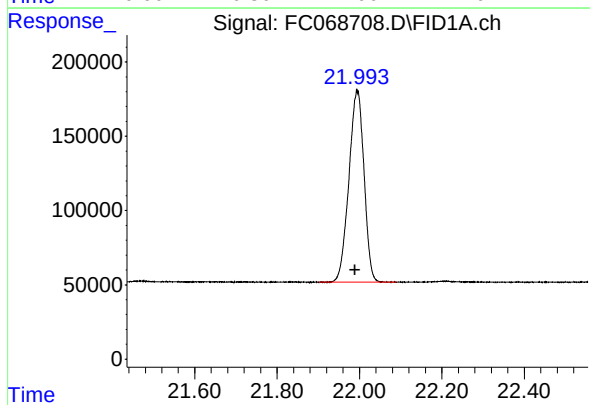
R.T.: 20.235 min
Delta R.T.: 0.003 min
Response: 3367143
Conc: 37.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 3325870
Conc: 37.62 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMSD



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.006 min
Response: 3286648
Conc: 37.22 ug/ml