

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121123AL\
 Data File : FC065374.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2023 14:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 14:32:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 2023
 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)	11.506	4518517	19.476 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	12.938	3288331	19.859 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.303	3838639	19.170 ug/ml
2) T n-Decane (C10)	4.362	4028665	20.044 ug/ml
3) T A~Naphthalene (C11.7)	5.944	4064960	20.022 ug/ml
4) T n-Dodecane (C12)	6.374	4130219	20.310 ug/ml
5) T A~2-methylnaphthalene...	6.998	3905308	20.093 ug/ml
6) T n-Tetradecane (C14)	8.162	4028899	20.273 ug/ml
7) T n-Hexadecane (C16)	9.756	4026260	20.325 ug/ml
8) T n-Octadecane (C18)	11.192	3964454	20.016 ug/ml
10) T n-Eicosane (C20)	12.495	3750258	19.818 ug/ml
11) T n-Heneicosane (C21)	13.105	3638892	19.694 ug/ml
13) T n-Docosane (C22)	13.689	3610091	20.010 ug/ml
14) T n-Tetracosane (C24)	14.786	3590000	20.707 ug/ml
15) T n-Hexacosane (C26)	15.801	3548295	21.309 ug/ml
16) T n-Octacosane (C28)	16.749	3563250	22.278 ug/ml
17) T n-Tricontane (C30)	17.633	3706092	23.275 ug/ml
18) T n-Dotriacontane (C32)	18.462	3666322	23.322 ug/ml
19) T n-Tetratriacontane (C34)	19.242	3397787	22.018 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3214855	20.973 ug/ml
21) T n-Octatriacontane (C38)	20.697	3161177	20.789 ug/ml
22) T n-Tetracontane (C40)	21.575	3123785	20.838 ug/ml

(f)=RT Delta > 1/2 Window

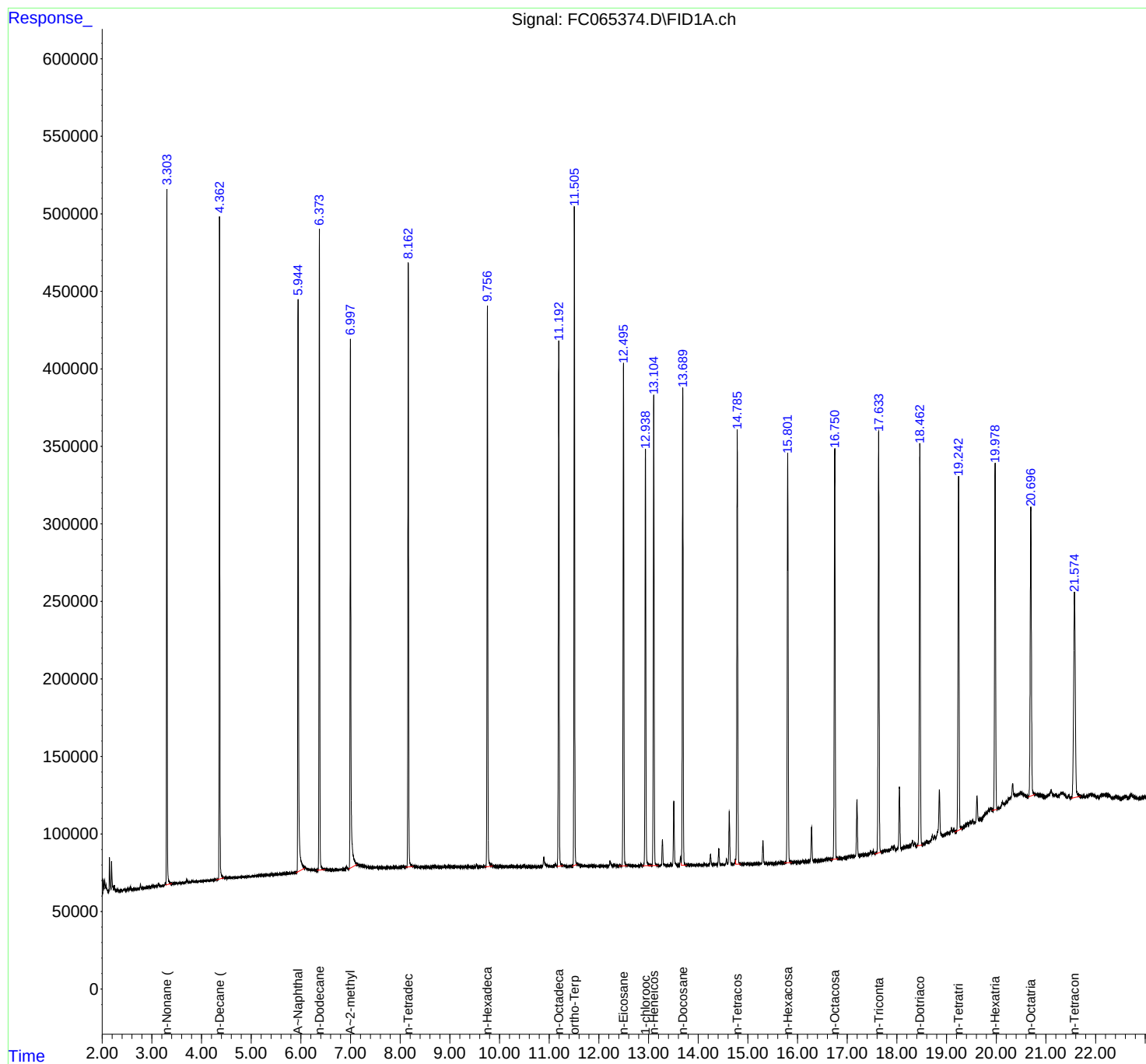
(m)=manual int.

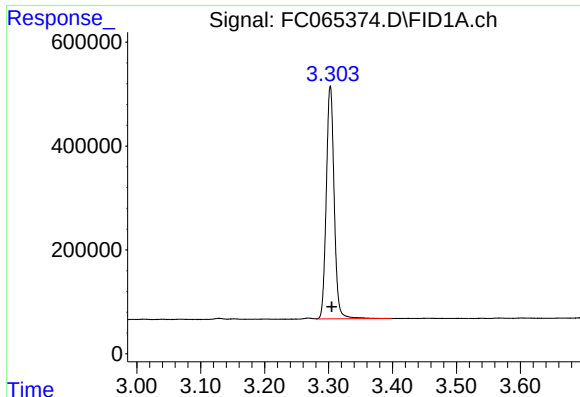
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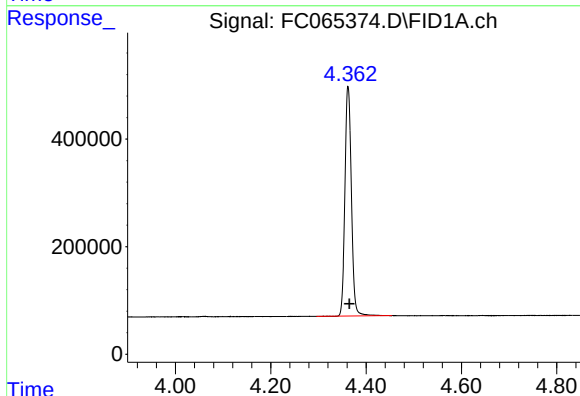




#1 n-Nonane (C9)

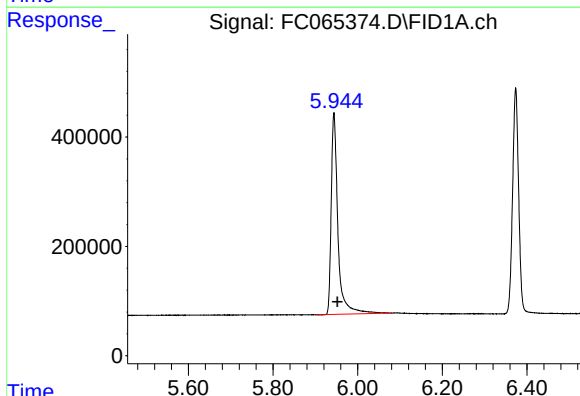
R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3838639
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



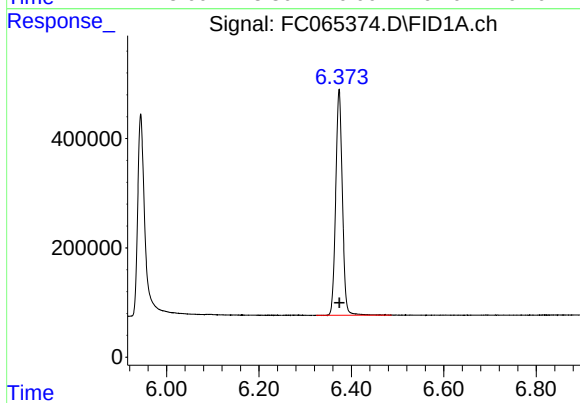
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 4028665
Conc: 20.04 ug/ml



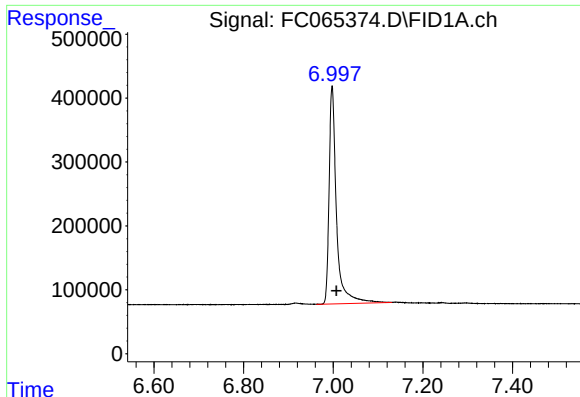
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 4064960
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

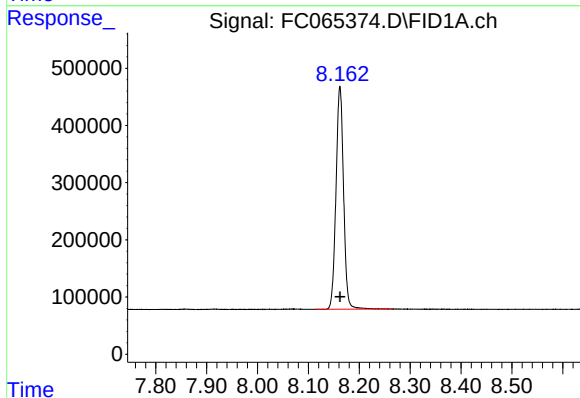
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 4130219
Conc: 20.31 ug/ml



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

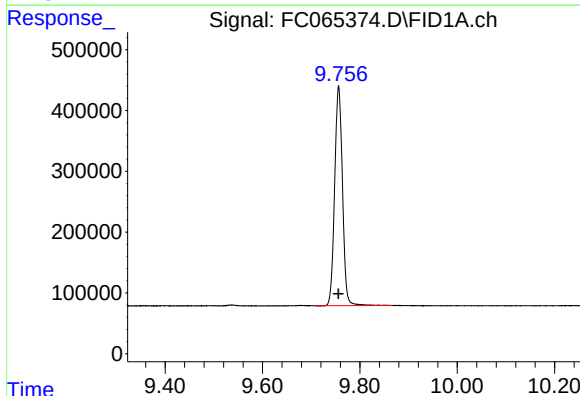
R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 3905308
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



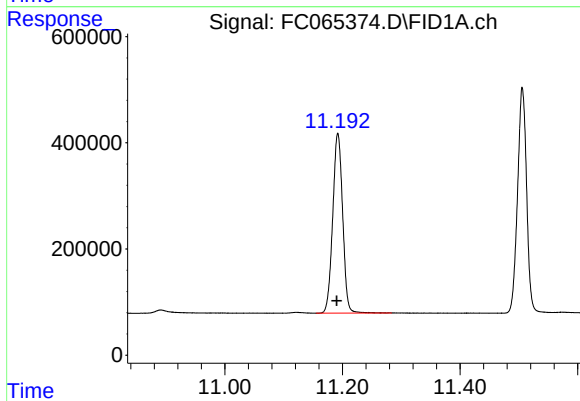
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 4028899
Conc: 20.27 ug/ml



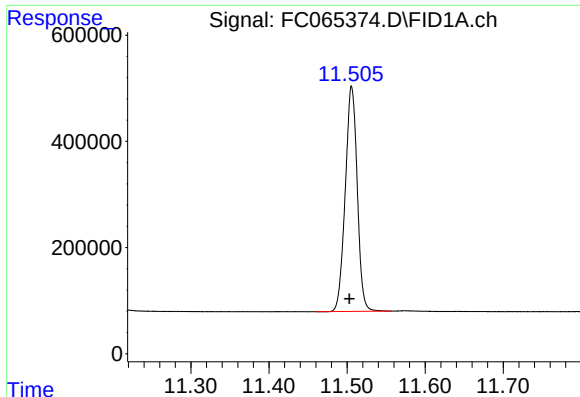
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 4026260
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

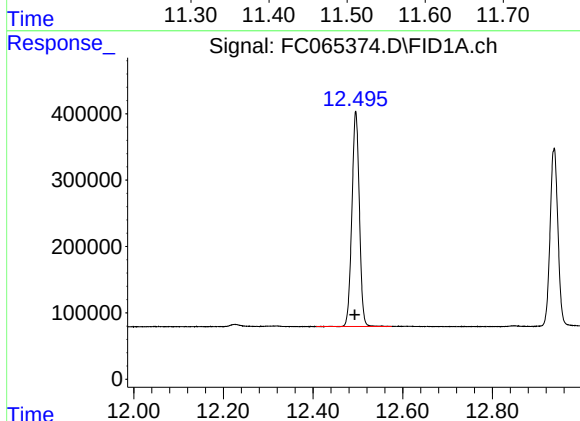
R.T.: 11.192 min
Delta R.T.: 0.002 min
Response: 3964454
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

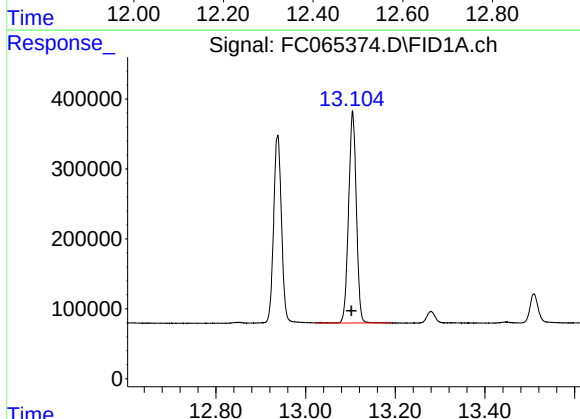
R.T.: 11.506 min
Delta R.T.: 0.003 min
Response: 4518517
Conc: 19.48 ug/ml

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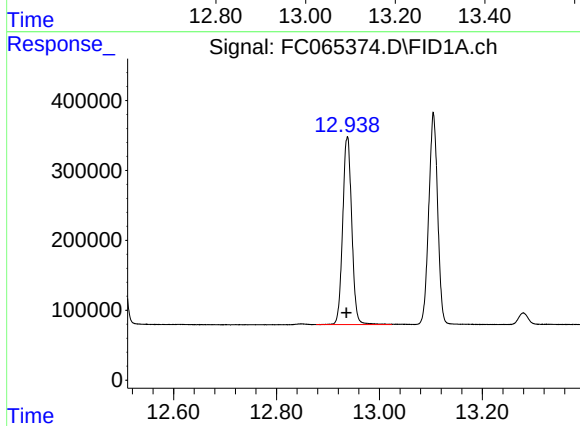
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 3750258
Conc: 19.82 ug/ml



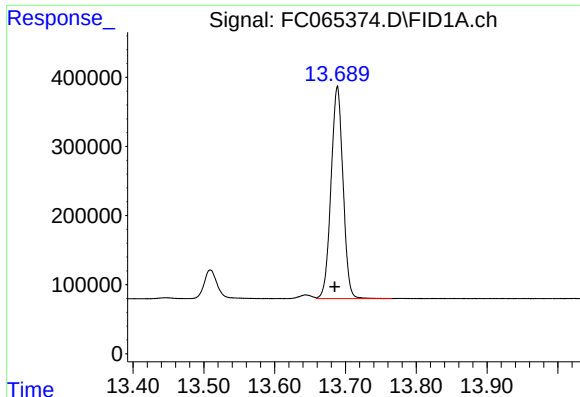
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.003 min
Response: 3638892
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

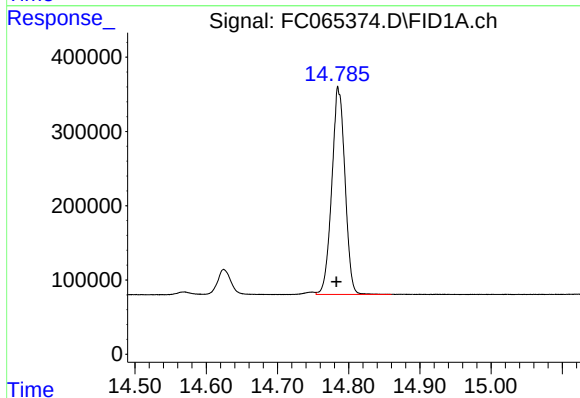
R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 3288331
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

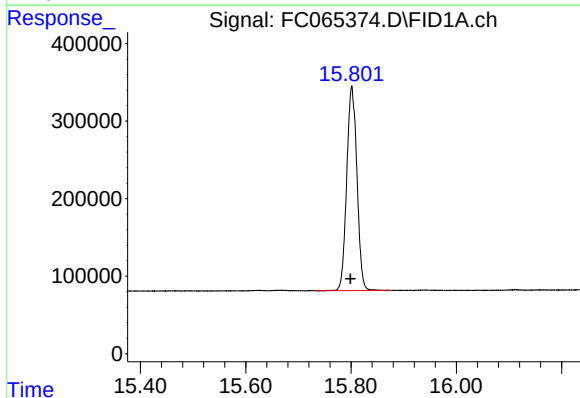
R.T.: 13.689 min
Delta R.T.: 0.004 min
Response: 3610091
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



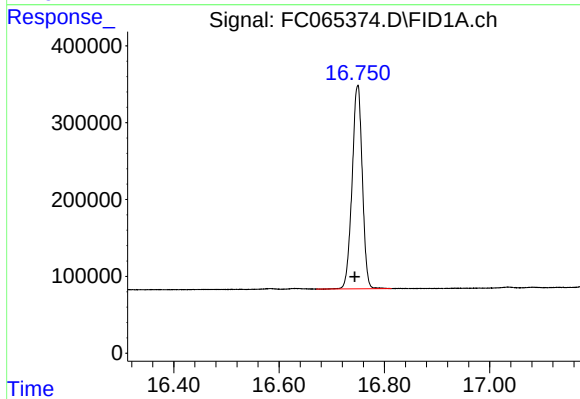
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.003 min
Response: 3590000
Conc: 20.71 ug/ml



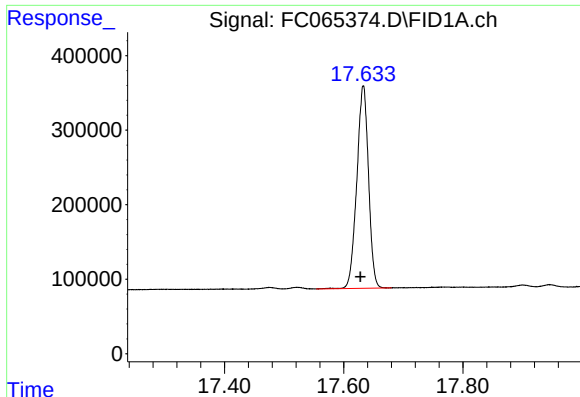
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: 0.002 min
Response: 3548295
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

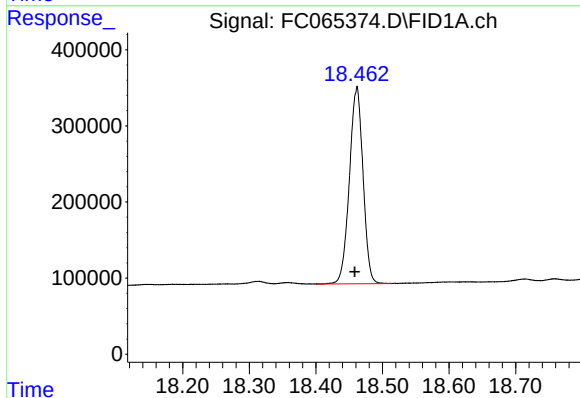
R.T.: 16.749 min
Delta R.T.: 0.006 min
Response: 3563250
Conc: 22.28 ug/ml



#17 n-Tricontane (C30)

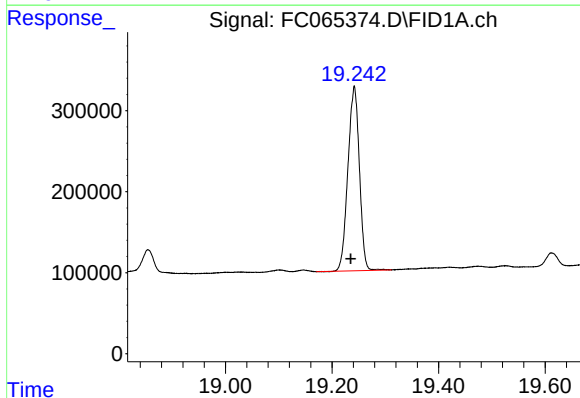
R.T.: 17.633 min
Delta R.T.: 0.005 min
Response: 3706092
Conc: 23.28 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



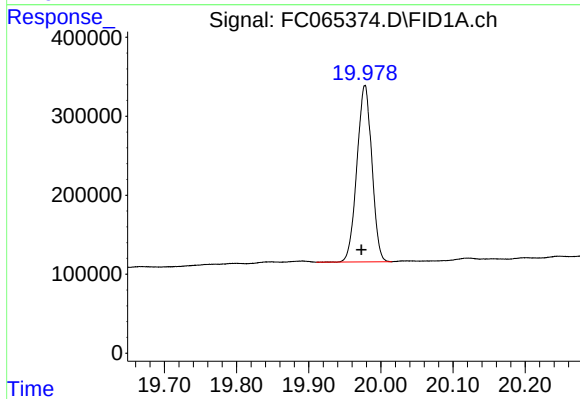
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: 0.003 min
Response: 3666322
Conc: 23.32 ug/ml



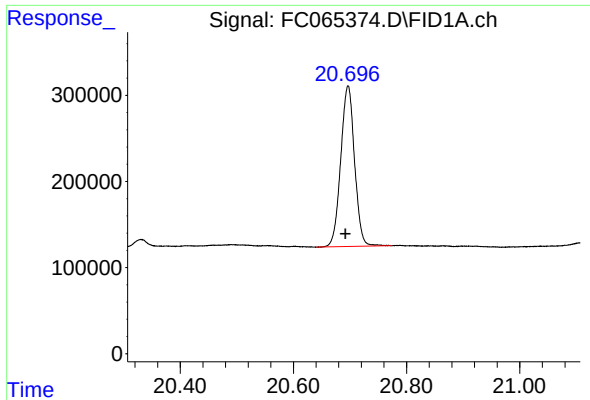
#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: 0.006 min
Response: 3397787
Conc: 22.02 ug/ml



#20 n-Hexatriacontane (C36)

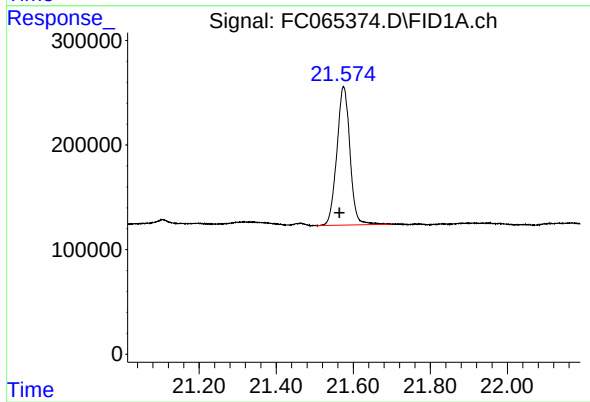
R.T.: 19.978 min
Delta R.T.: 0.005 min
Response: 3214855
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: 0.005 min
Response: 3161177
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: 0.011 min
Response: 3123785
Conc: 20.84 ug/ml