

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
 Data File : FC063598.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2023 09:58
 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: May 09 12:19:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.524	3733253	19.925 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	12.959	2613470	19.958 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.299	3294434	20.577 ug/ml
2) T n-Decane (C10)	4.361	3312914	20.474 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3463170	20.397 ug/ml
4) T n-Dodecane (C12)	6.378	3325677	20.430 ug/ml
5) T A~2-methylnaphthalene...	7.000	3342734	20.667 ug/ml
6) T n-Tetradecane (C14)	8.172	3235968	20.490 ug/ml
7) T n-Hexadecane (C16)	9.771	3255681	20.294 ug/ml
8) T n-Octadecane (C18)	11.211	3237906	20.217 ug/ml
10) T n-Eicosane (C20)	12.517	3027422	19.955 ug/ml
11) T n-Heneicosane (C21)	13.128	2932033	20.008 ug/ml
13) T n-Docosane (C22)	13.712	2869664	19.887 ug/ml
14) T n-Tetracosane (C24)	14.812	2795189	19.871 ug/ml
15) T n-Hexacosane (C26)	15.831	2711525	19.855 ug/ml
16) T n-Octacosane (C28)	16.777	2612982	19.755 ug/ml
17) T n-Tricontane (C30)	17.661	2620670	19.490 ug/ml
18) T n-Dotriacontane (C32)	18.492	2560827	19.179 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2510829	19.342 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2426219	19.592 ug/ml
21) T n-Octatriacontane (C38)	20.734	2444020	19.559 ug/ml
22) T n-Tetracontane (C40)	21.624	2500535	20.341 ug/ml

(f)=RT Delta > 1/2 Window

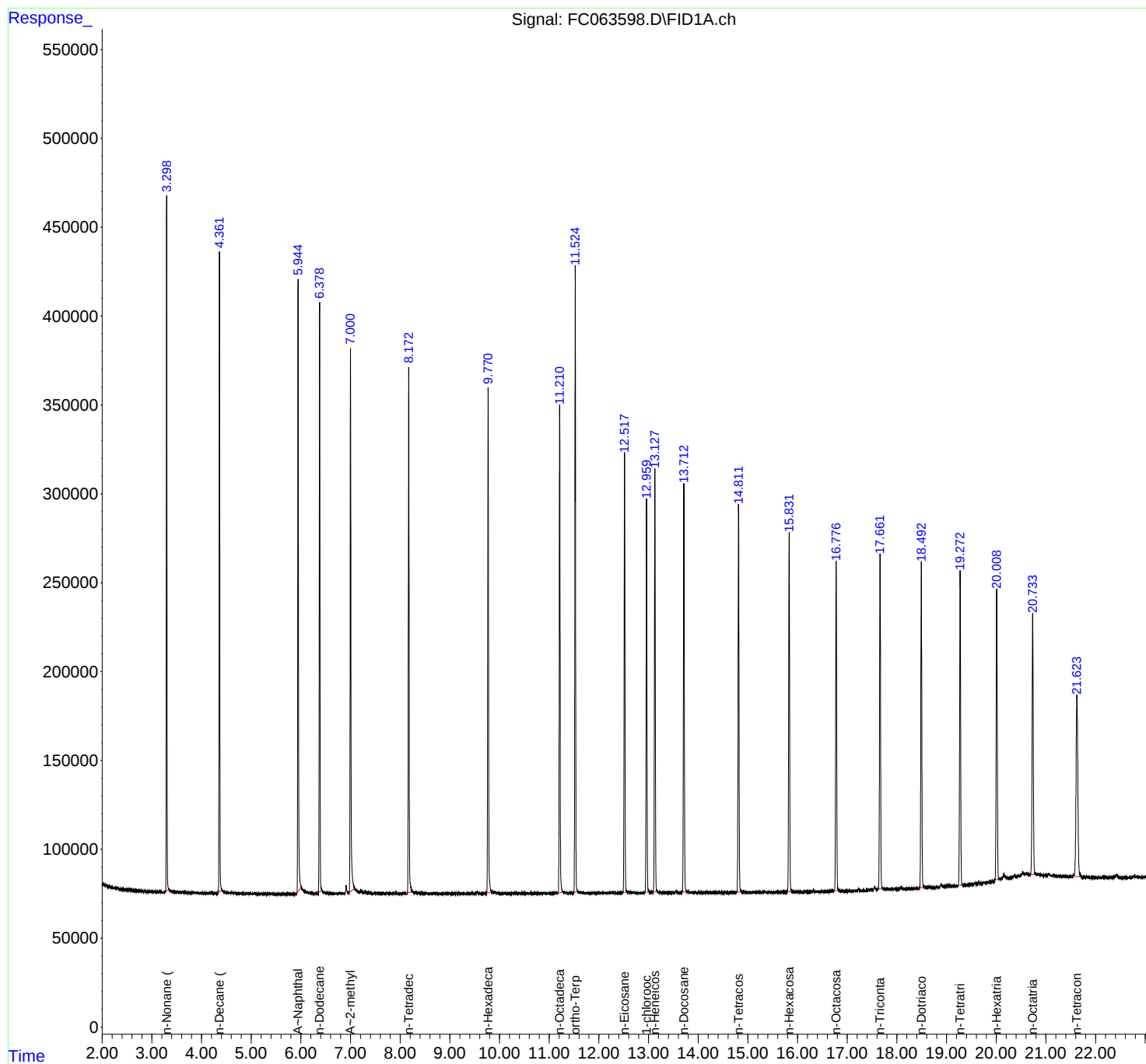
(m)=manual int.

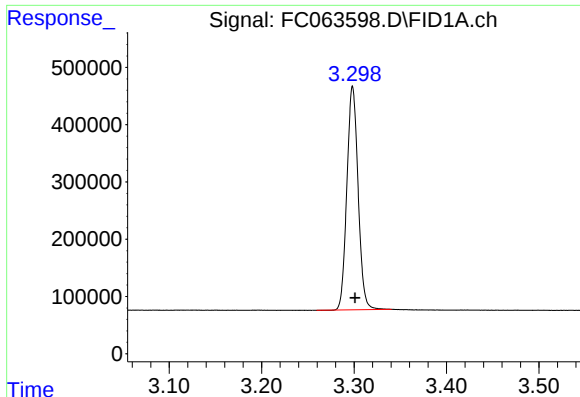
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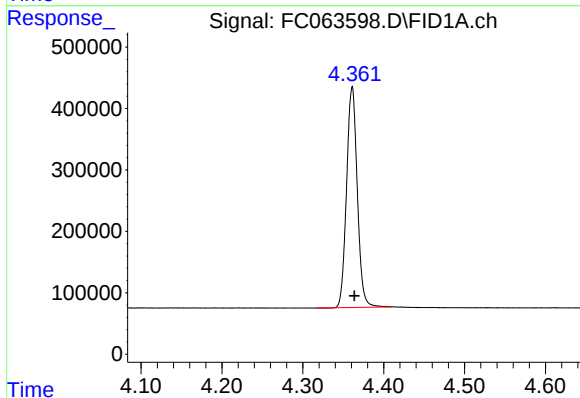




#1 n-Nonane (C9)

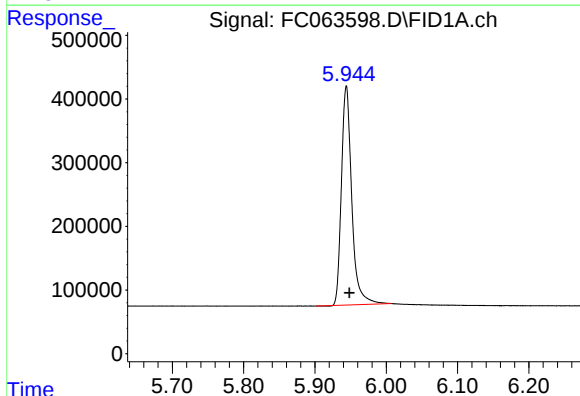
R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 3294434
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



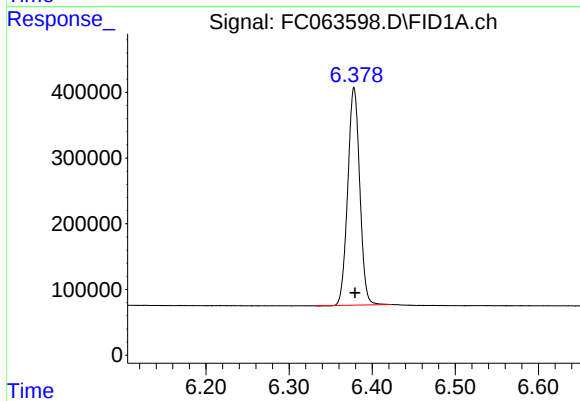
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 3312914
Conc: 20.47 ug/ml



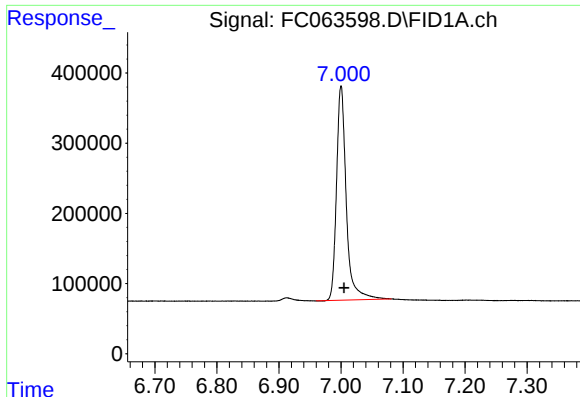
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 3463170
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

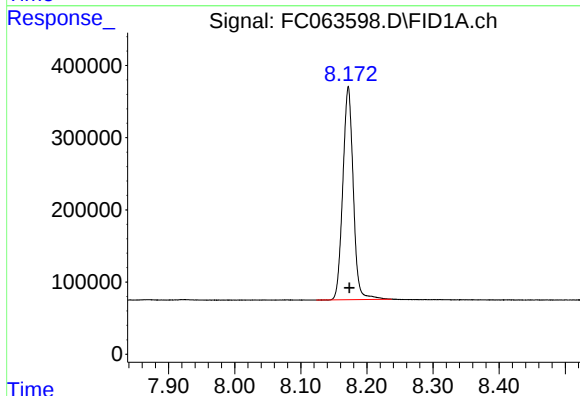
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 3325677
Conc: 20.43 ug/ml



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

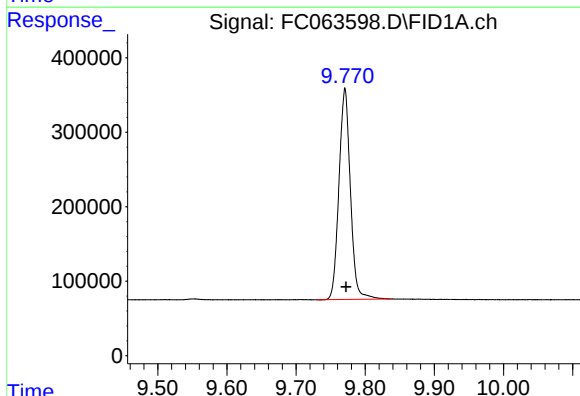
R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 3342734
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



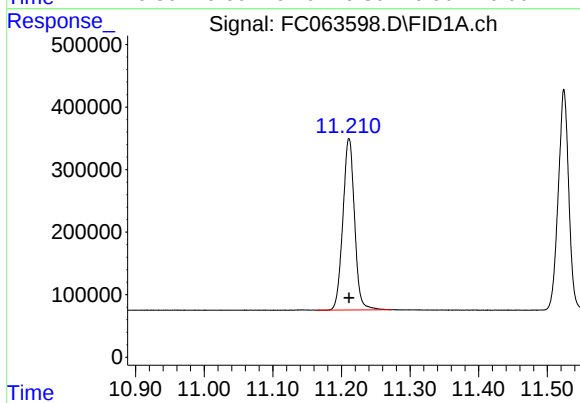
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.002 min
Response: 3235968
Conc: 20.49 ug/ml



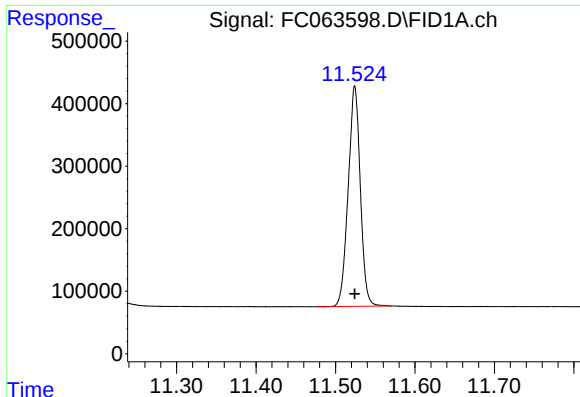
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.001 min
Response: 3255681
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

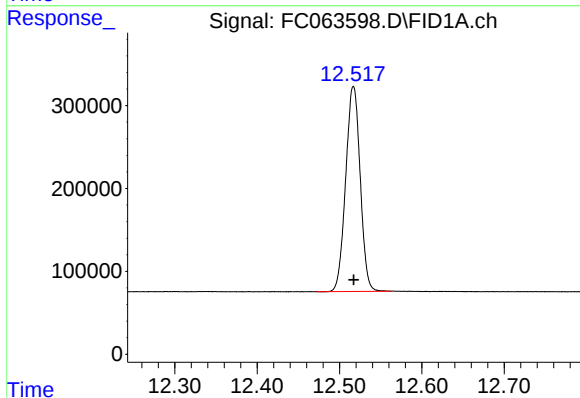
R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 3237906
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

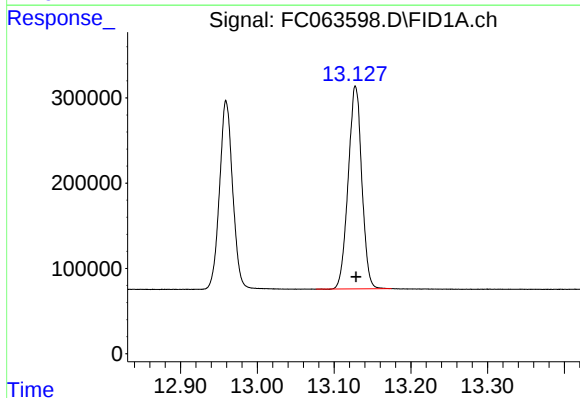
R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 3733253
Conc: 19.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



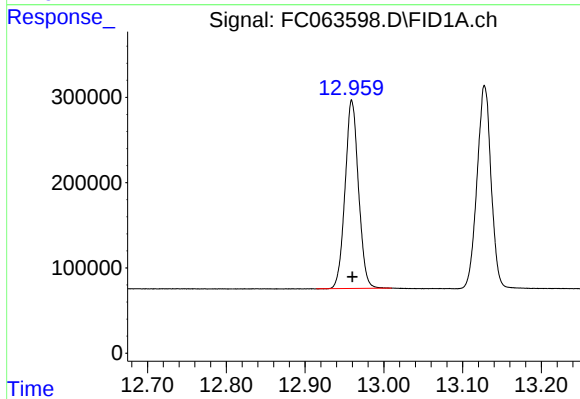
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.000 min
Response: 3027422
Conc: 19.95 ug/ml



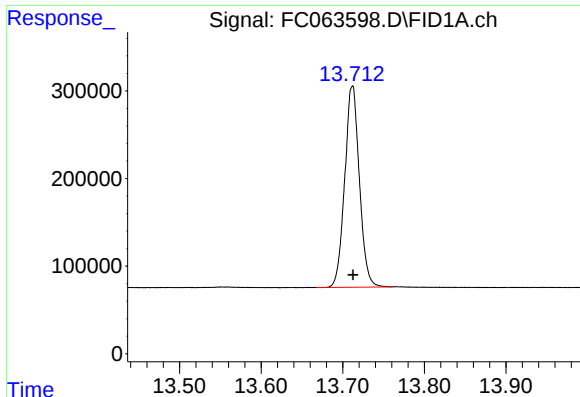
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 2932033
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

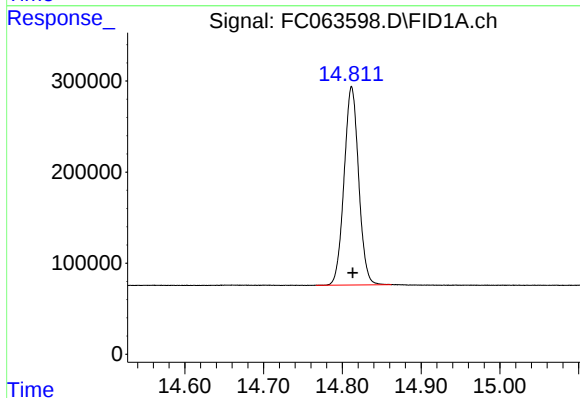
R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 2613470
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

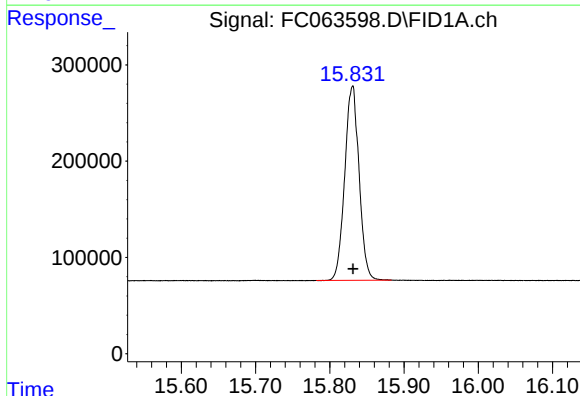
R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 2869664
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



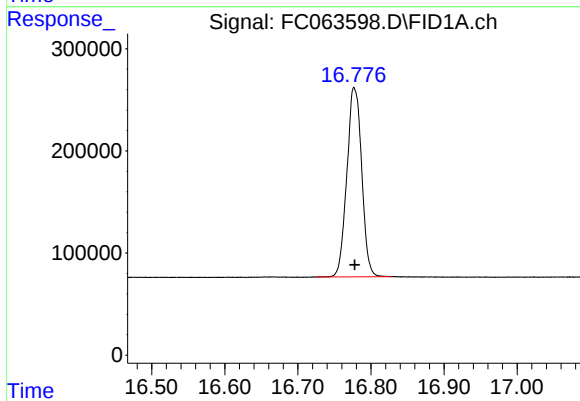
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.001 min
Response: 2795189
Conc: 19.87 ug/ml



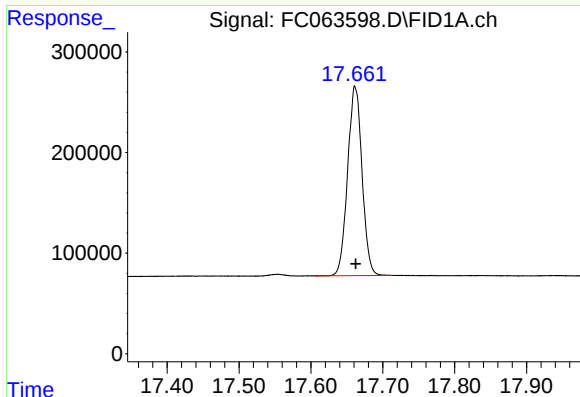
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 2711525
Conc: 19.85 ug/ml



#16 n-Octacosane (C28)

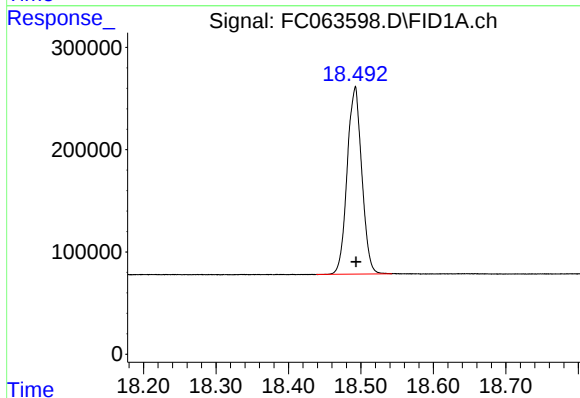
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 2612982
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

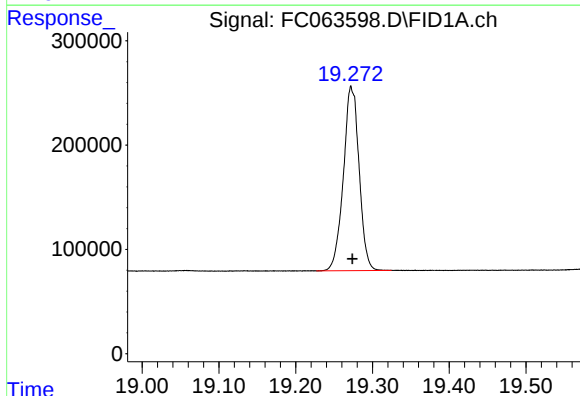
R.T.: 17.661 min
Delta R.T.: -0.001 min
Response: 2620670
Conc: 19.49 ug/ml

Instrument :
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ClientSampleId :
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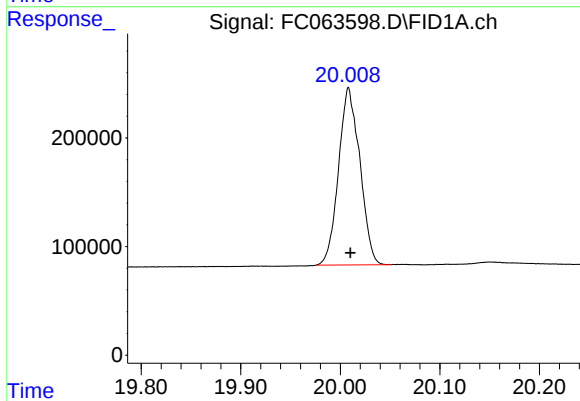
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.001 min
Response: 2560827
Conc: 19.18 ug/ml



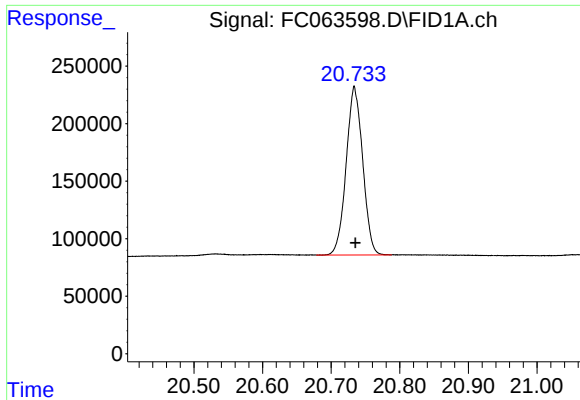
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.001 min
Response: 2510829
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

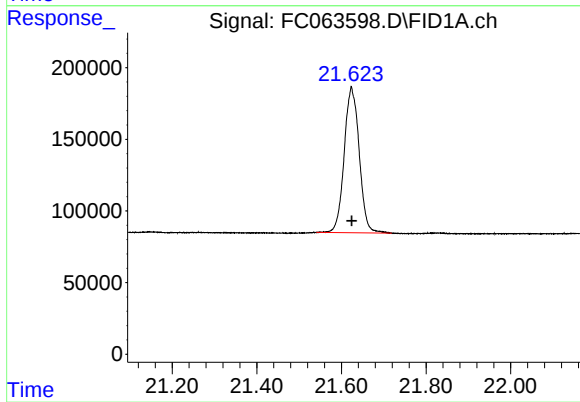
R.T.: 20.008 min
Delta R.T.: -0.002 min
Response: 2426219
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.002 min
Response: 2444020
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: 0.000 min
Response: 2500535
Conc: 20.34 ug/ml