

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
 Data File : FC063986.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 14:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 25 04:07:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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	4095689	21.094 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	12.960	2938150	21.118 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
Target Compounds			
1) T n-Nonane (C9)	3.306	3771434	21.146 ug/ml
2) T n-Decane (C10)	4.368	3839007	21.215 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3978643	21.330 ug/ml
4) T n-Dodecane (C12)	6.383	3812530	21.163 ug/ml
5) T A~2-methylnaphthalene...	7.005	3761439	21.373 ug/ml
6) T n-Tetradecane (C14)	8.175	3657172	21.141 ug/ml
7) T n-Hexadecane (C16)	9.773	3671041	21.133 ug/ml
8) T n-Octadecane (C18)	11.212	3644097	21.144 ug/ml
10) T n-Eicosane (C20)	12.518	3431159	21.018 ug/ml
11) T n-Heneicosane (C21)	13.128	3338650	20.838 ug/ml
13) T n-Docosane (C22)	13.712	3315869	21.102 ug/ml
14) T n-Tetracosane (C24)	14.812	3294253	20.900 ug/ml
15) T n-Hexacosane (C26)	15.830	3262531	21.594 ug/ml
16) T n-Octacosane (C28)	16.777	3237003	21.482 ug/ml
17) T n-Tricontane (C30)	17.661	3335436	21.364 ug/ml
18) T n-Dotriacontane (C32)	18.491	3314573	20.981 ug/ml
19) T n-Tetratriacontane (C34)	19.272	3211441	20.870 ug/ml
20) T n-Hexatriacontane (C36)	20.009	3097360	20.979 ug/ml
21) T n-Octatriacontane (C38)	20.735	3107610	20.979 ug/ml
22) T n-Tetracontane (C40)	21.623	3073219	21.084 ug/ml

(f)=RT Delta > 1/2 Window

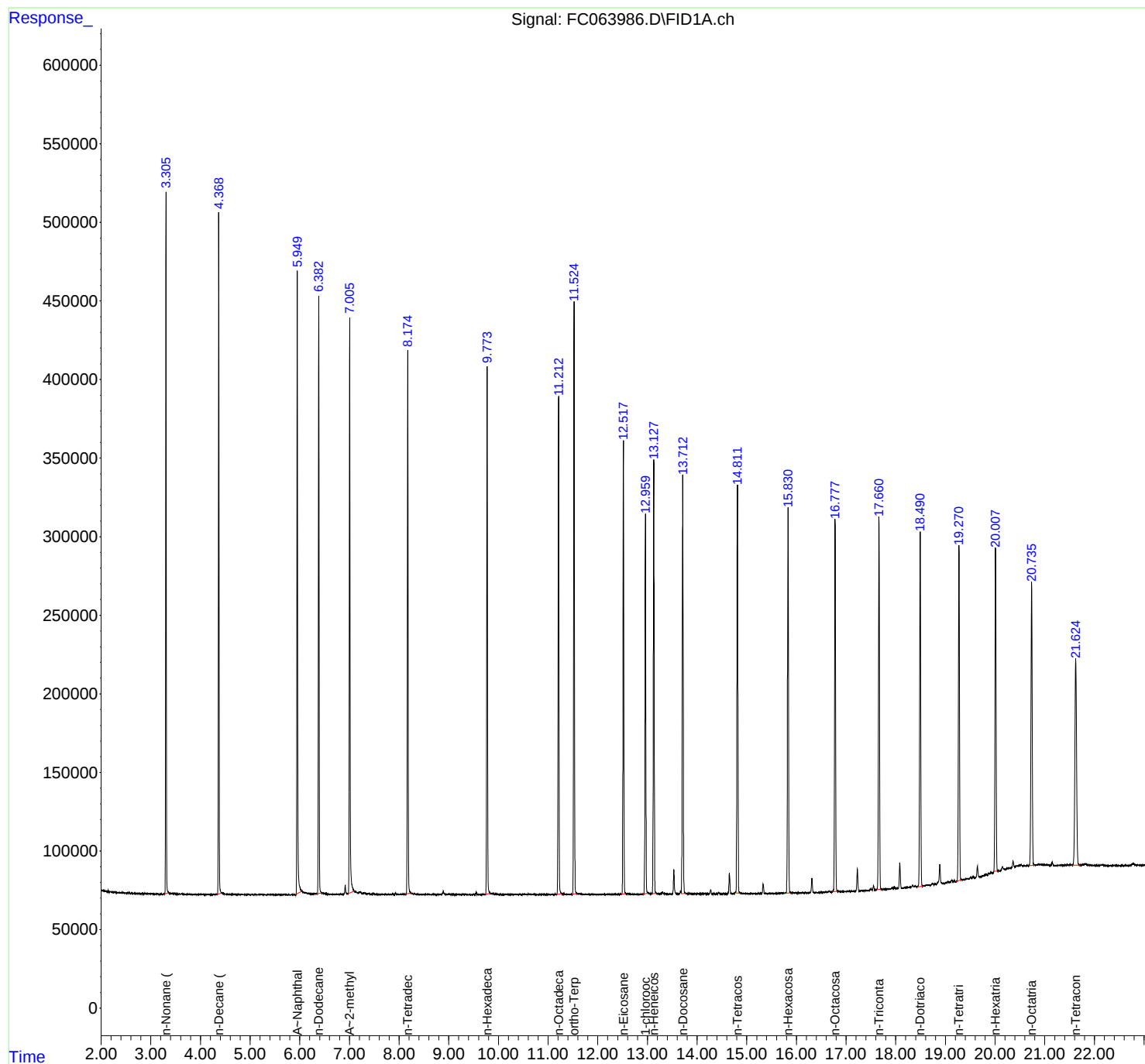
(m)=manual int.

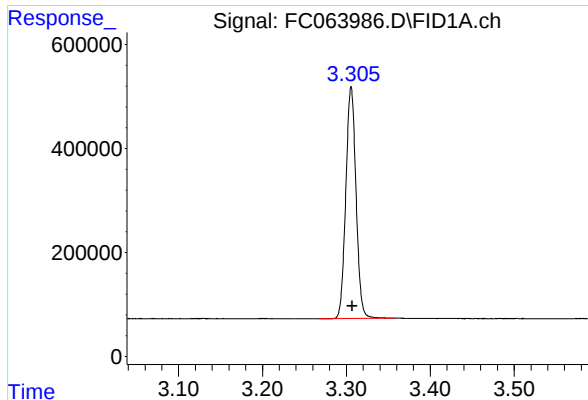
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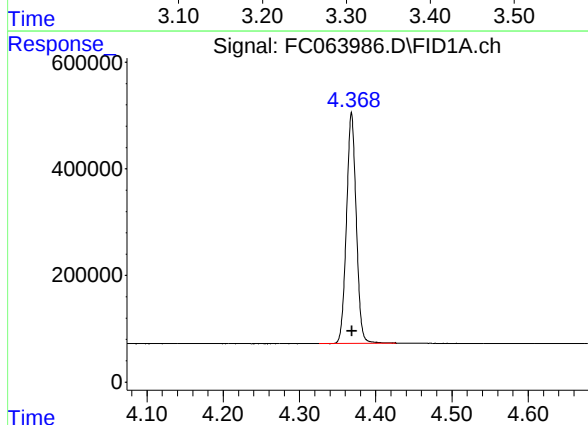




#1 n-Nonane (C9)

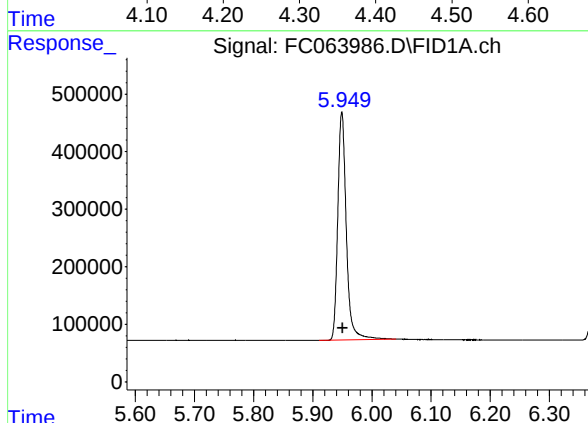
R.T.: 3.306 min
Delta R.T.: -0.001 min
Response: 3771434
Conc: 21.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



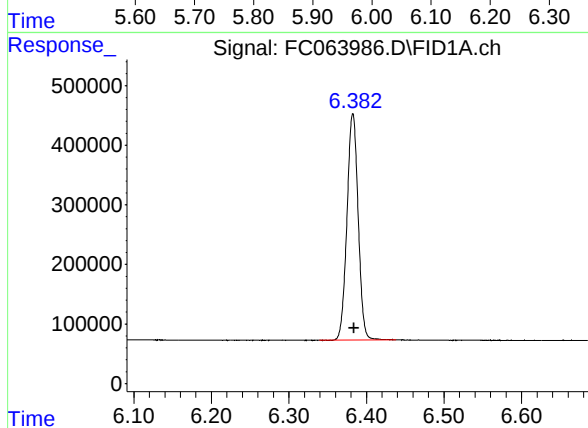
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3839007
Conc: 21.22 ug/ml



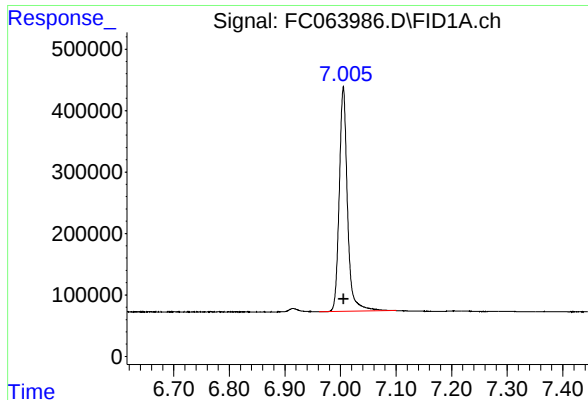
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 3978643
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

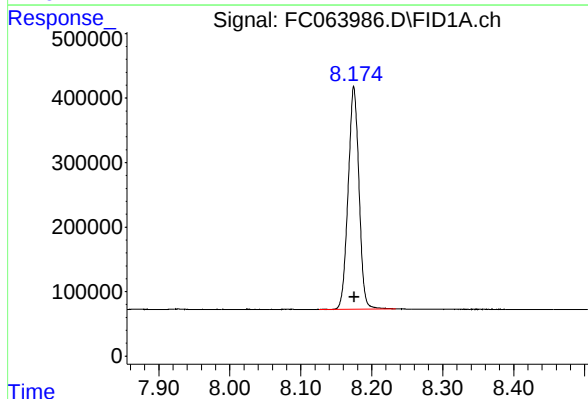
R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 3812530
Conc: 21.16 ug/ml



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

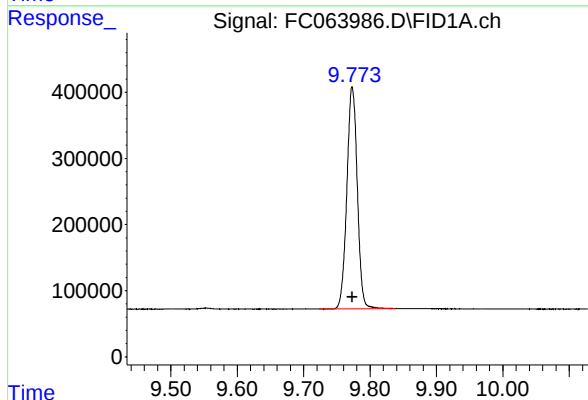
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 3761439
Conc: 21.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



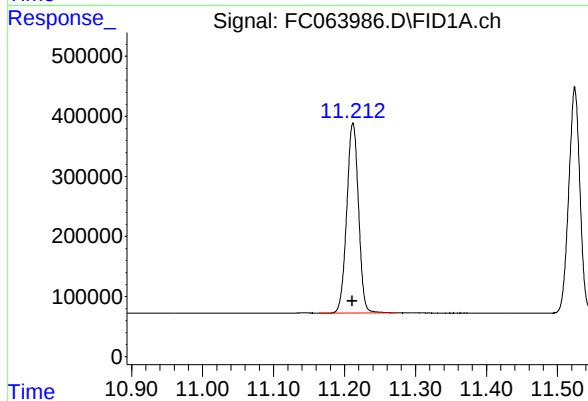
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 3657172
Conc: 21.14 ug/ml



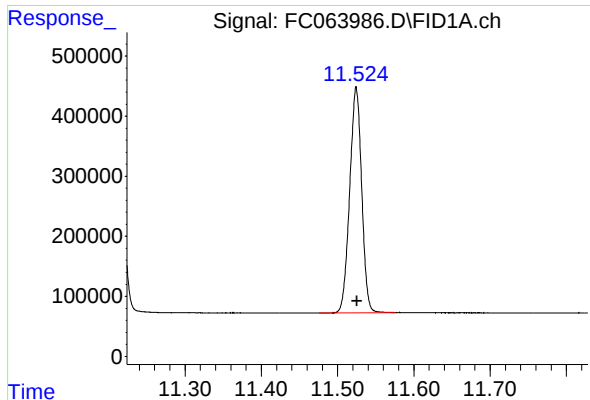
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 3671041
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

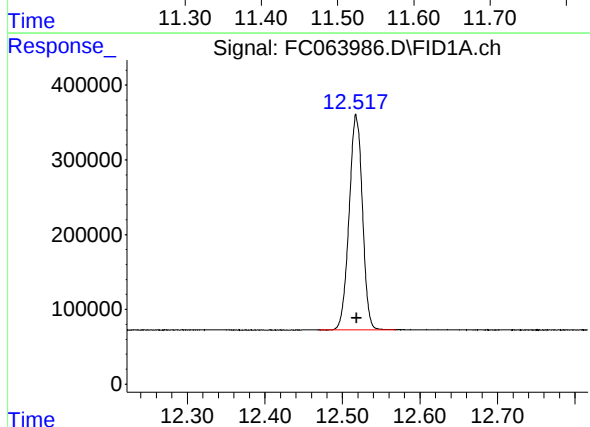
R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 3644097
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

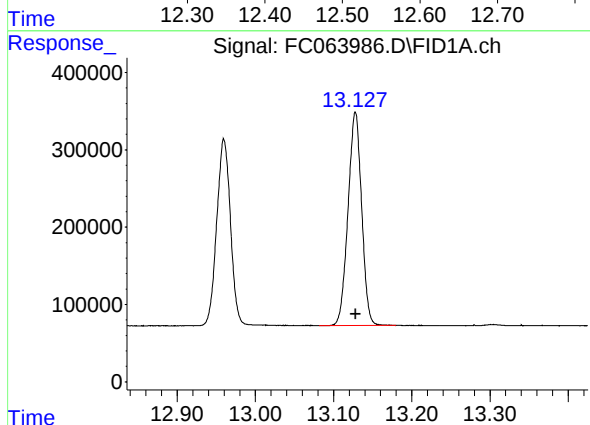
R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 4095689
Conc: 21.09 ug/ml

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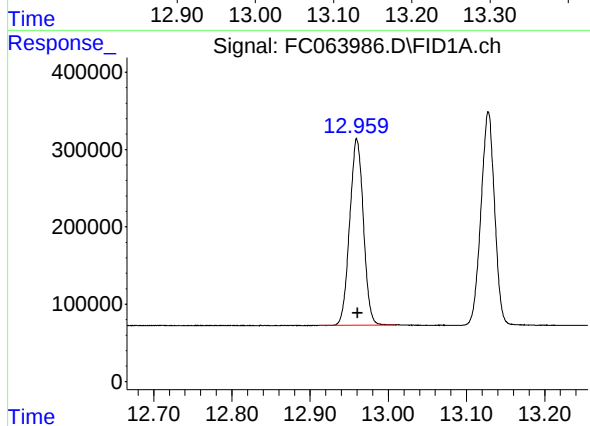
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 3431159
Conc: 21.02 ug/ml



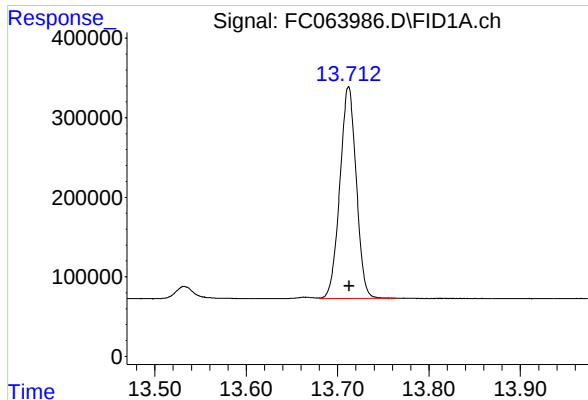
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 3338650
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

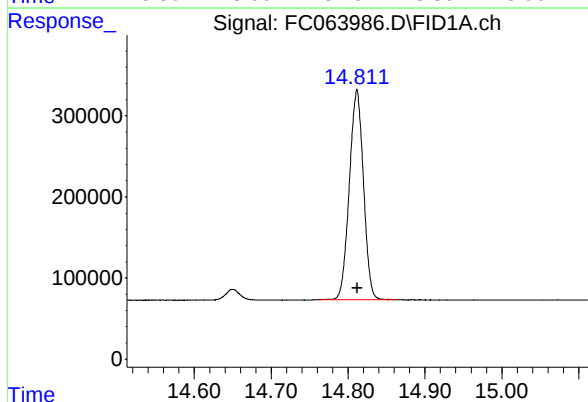
R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2938150
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

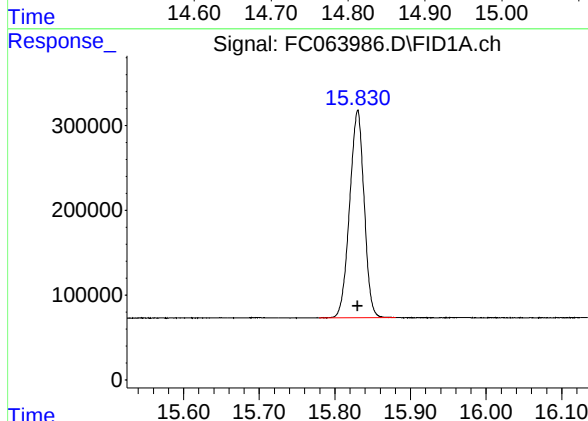
R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 3315869
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



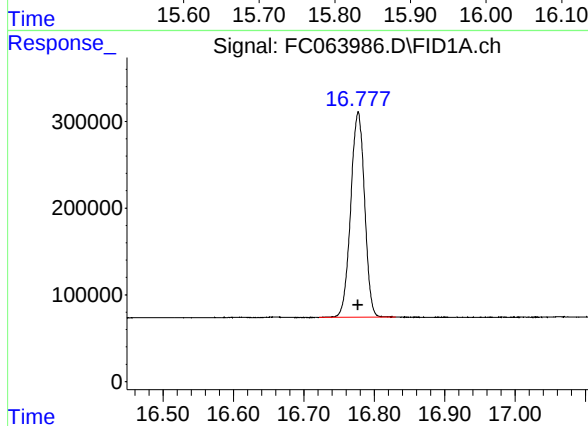
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 3294253
Conc: 20.90 ug/ml



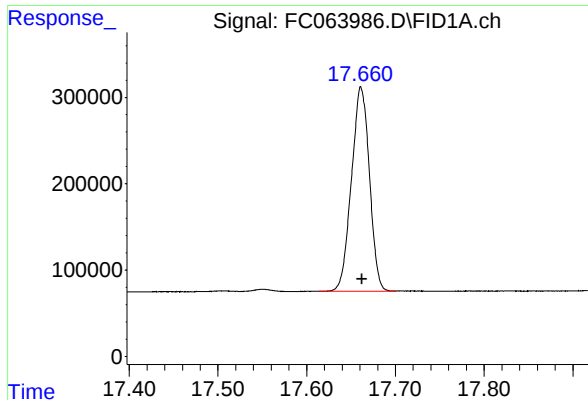
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.000 min
Response: 3262531
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

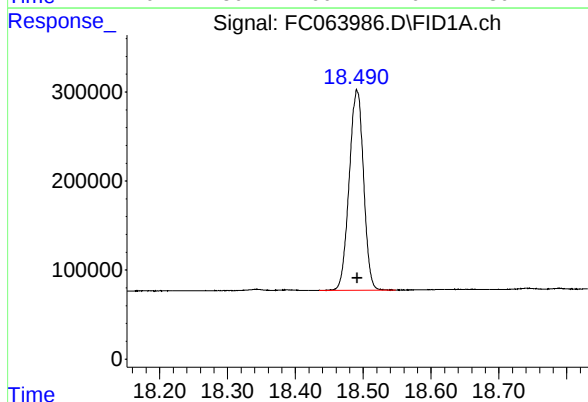
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 3237003
Conc: 21.48 ug/ml



#17 n-Tricontane (C30)

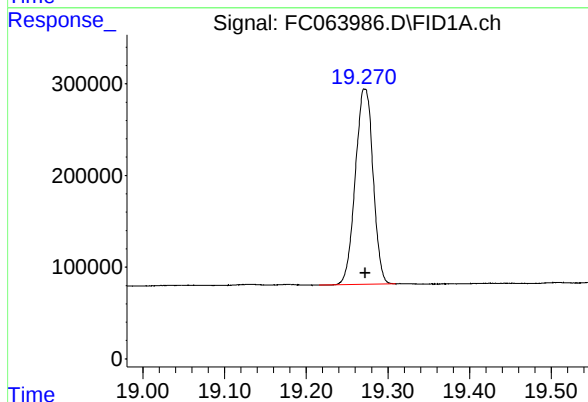
R.T.: 17.661 min
Delta R.T.: -0.001 min
Response: 3335436
Conc: 21.36 ug/ml

Instrument :
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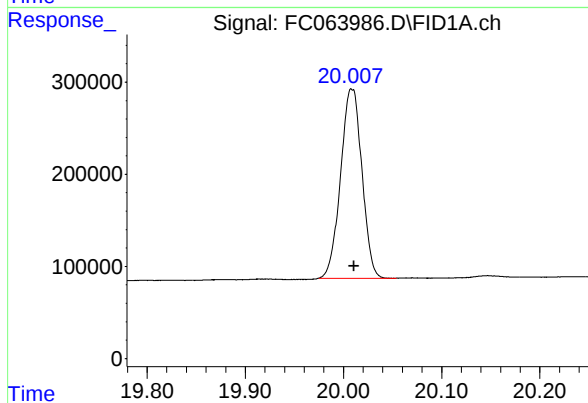
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 3314573
Conc: 20.98 ug/ml



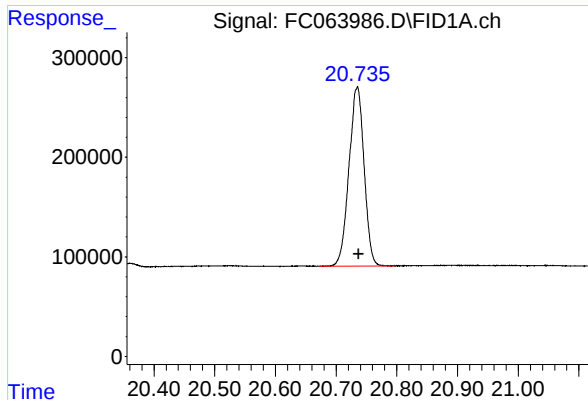
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 3211441
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

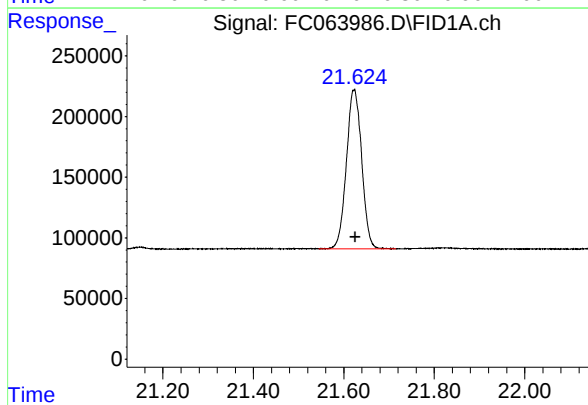
R.T.: 20.009 min
Delta R.T.: -0.002 min
Response: 3097360
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 3107610
Conc: 20.98 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.002 min
Response: 3073219
Conc: 21.08 ug/ml