

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080223AL\
 Data File : FC064304.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2023 09:17
 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: Aug 03 12:49:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.513	4031413	22.597 ug/ml
Spiked Amount 50.000		Recovery =	45.19%
12) S 1-chlorooctadecane (S...	12.946	2724574	21.605 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
Target Compounds			
1) T n-Nonane (C9)	3.302	3690731	22.746 ug/ml
2) T n-Decane (C10)	4.364	3741241	22.879 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3728539	22.974 ug/ml
4) T n-Dodecane (C12)	6.376	3723743	22.810 ug/ml
5) T A~2-methylnaphthalene...	6.999	3478465	22.829 ug/ml
6) T n-Tetradecane (C14)	8.165	3573303	22.759 ug/ml
7) T n-Hexadecane (C16)	9.762	3555261	22.611 ug/ml
8) T n-Octadecane (C18)	11.199	3569163	22.527 ug/ml
10) T n-Eicosane (C20)	12.505	3350280	22.449 ug/ml
11) T n-Heneicosane (C21)	13.114	3281577	22.484 ug/ml
13) T n-Docosane (C22)	13.698	3217744	22.545 ug/ml
14) T n-Tetracosane (C24)	14.797	3164425	22.529 ug/ml
15) T n-Hexacosane (C26)	15.813	3093742	22.530 ug/ml
16) T n-Octacosane (C28)	16.760	3024009	22.551 ug/ml
17) T n-Tricontane (C30)	17.644	3091595	22.274 ug/ml
18) T n-Dotriacontane (C32)	18.471	3066481	21.791 ug/ml
19) T n-Tetratriacontane (C34)	19.251	3008507	21.669 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2889038	21.292 ug/ml
21) T n-Octatriacontane (C38)	20.710	2769370	20.418 ug/ml
22) T n-Tetracontane (C40)	21.594	2493359	18.562 ug/ml

(f)=RT Delta > 1/2 Window

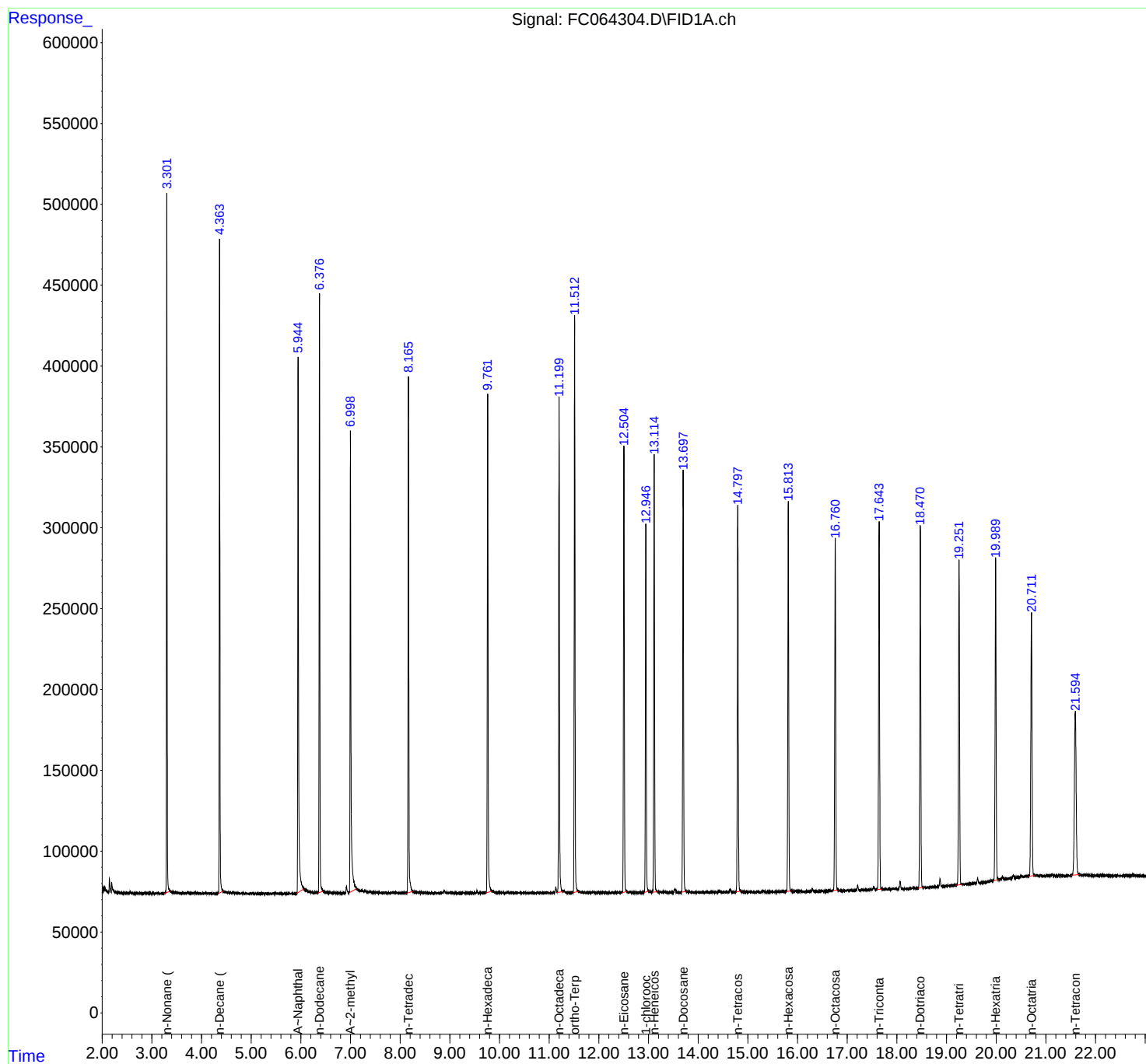
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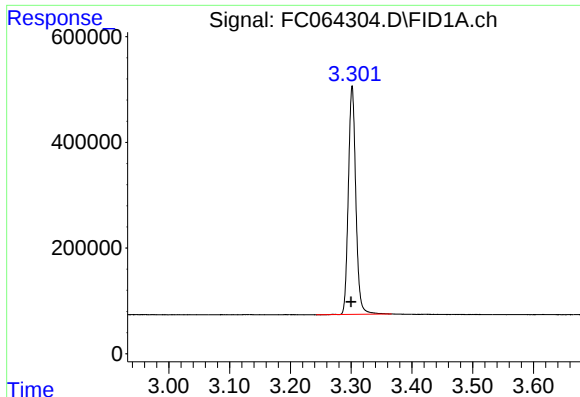
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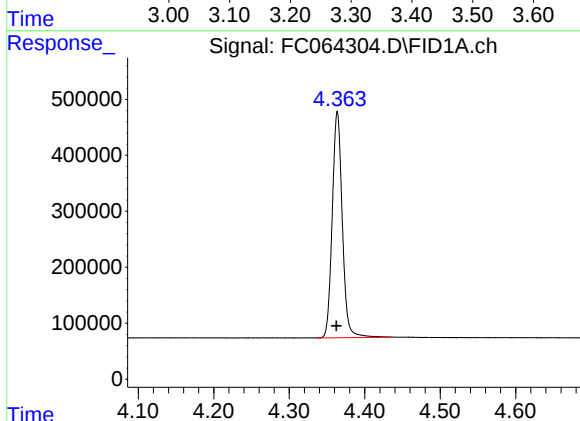




#1 n-Nonane (C9)

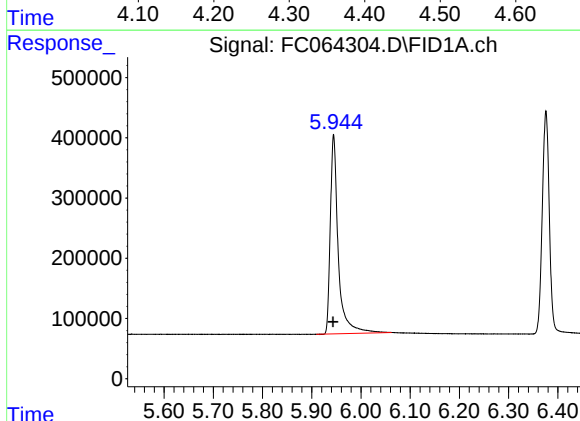
R.T.: 3.302 min
Delta R.T.: 0.002 min
Response: 3690731
Conc: 22.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



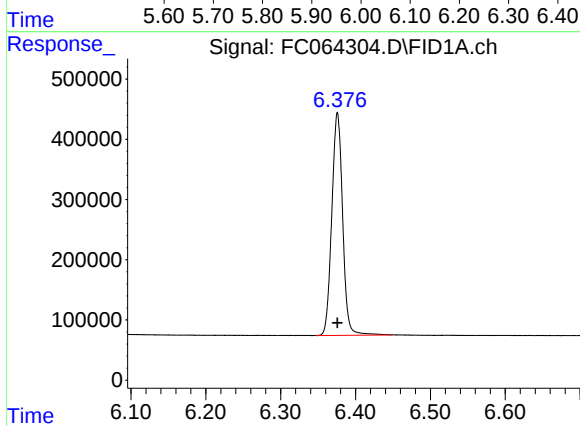
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.001 min
Response: 3741241
Conc: 22.88 ug/ml



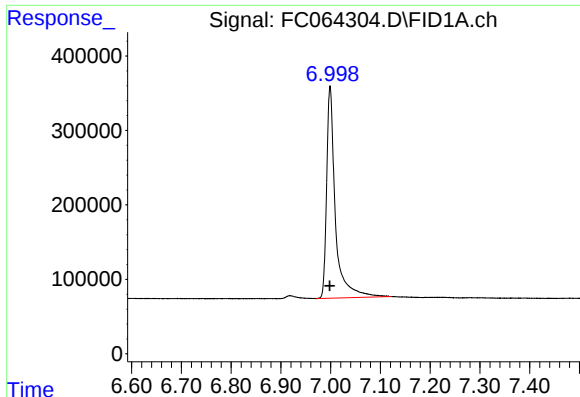
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3728539
Conc: 22.97 ug/ml



#4 n-Dodecane (C12)

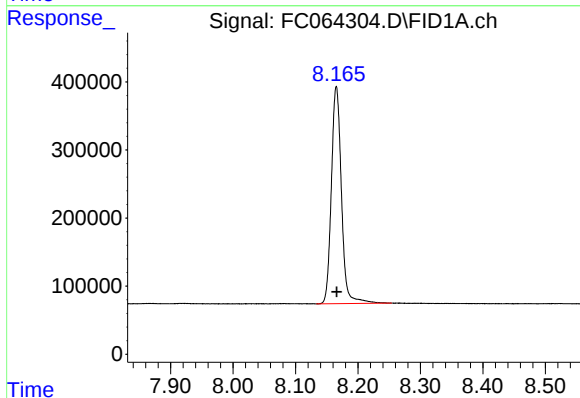
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3723743
Conc: 22.81 ug/ml



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

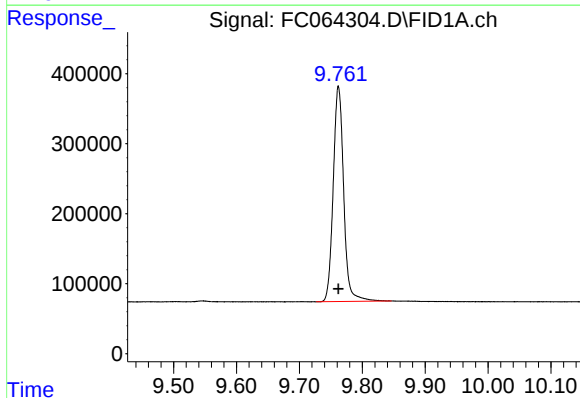
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 3478465
Conc: 22.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



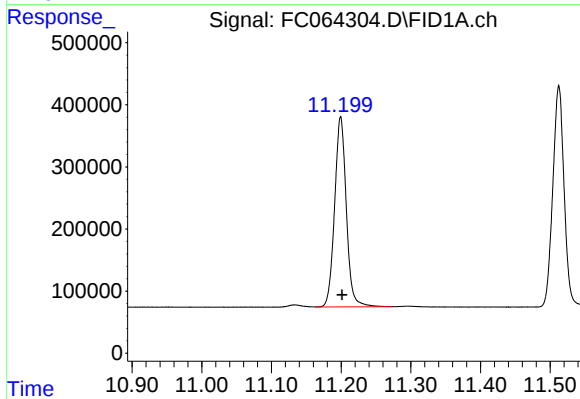
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 3573303
Conc: 22.76 ug/ml



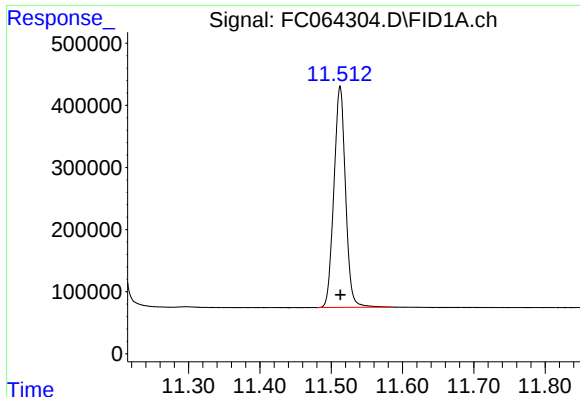
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 3555261
Conc: 22.61 ug/ml



#8 n-Octadecane (C18)

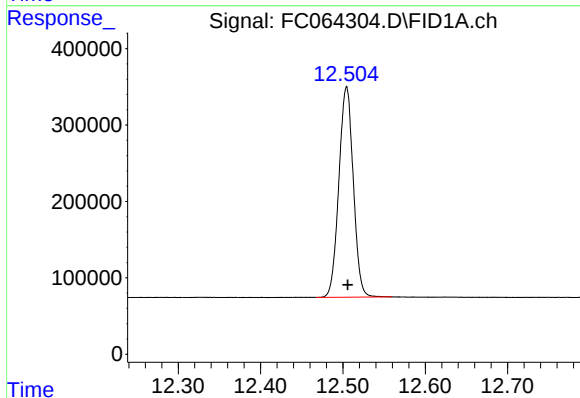
R.T.: 11.199 min
Delta R.T.: -0.002 min
Response: 3569163
Conc: 22.53 ug/ml



#9 ortho-Terphenyl (SURR)

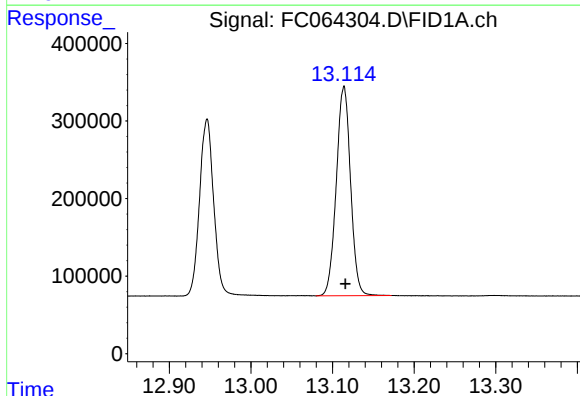
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 4031413
Conc: 22.60 ug/ml

Instrument :
FID_C
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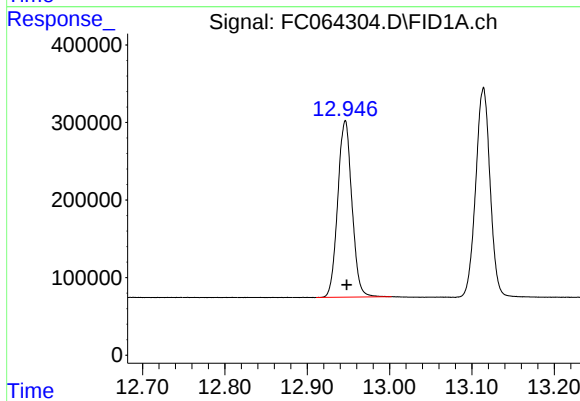
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: -0.001 min
Response: 3350280
Conc: 22.45 ug/ml



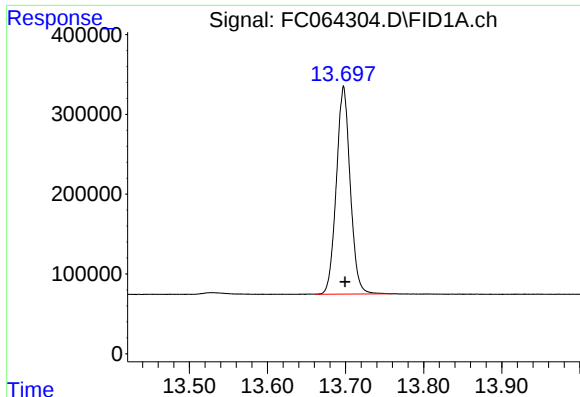
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 3281577
Conc: 22.48 ug/ml



#12 1-chlorooctadecane (SURR)

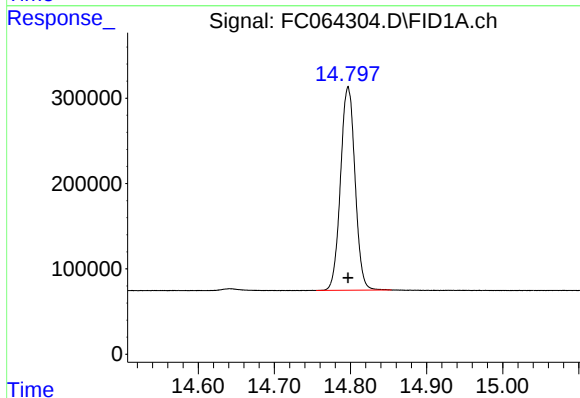
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2724574
Conc: 21.60 ug/ml



#13 n-Docosane (C22)

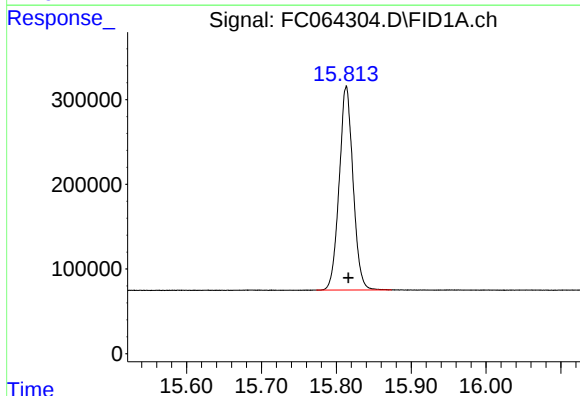
R.T.: 13.698 min
Delta R.T.: -0.002 min
Response: 3217744
Conc: 22.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



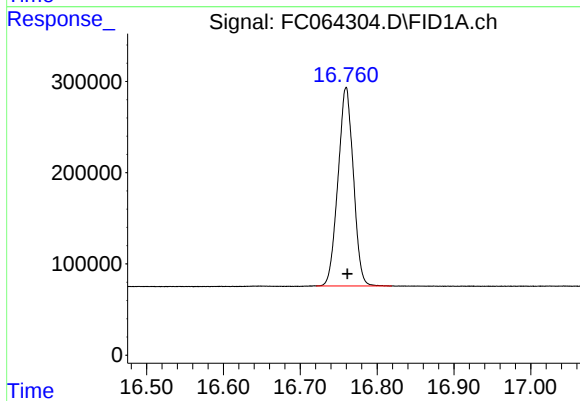
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 3164425
Conc: 22.53 ug/ml



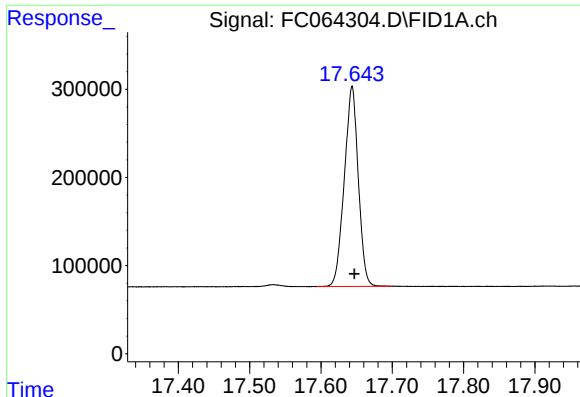
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: -0.003 min
Response: 3093742
Conc: 22.53 ug/ml



#16 n-Octacosane (C28)

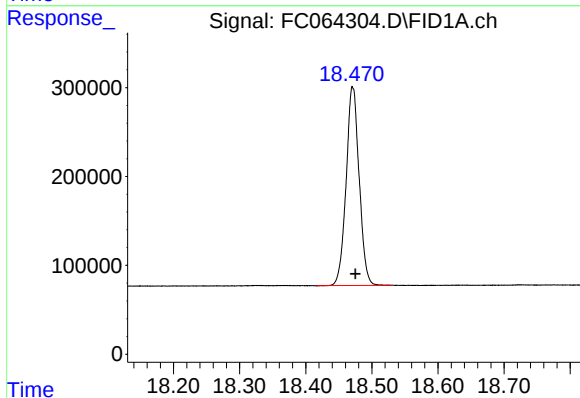
R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 3024009
Conc: 22.55 ug/ml



#17 n-Tricontane (C30)

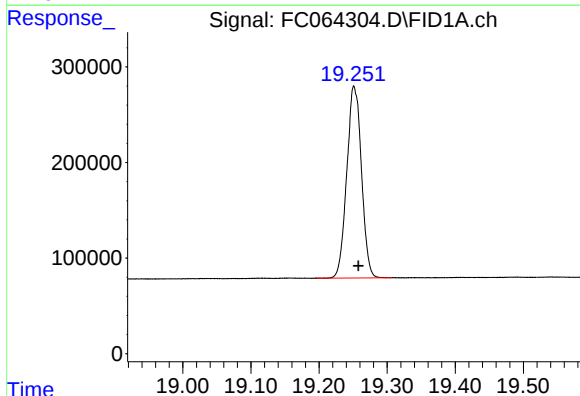
R.T.: 17.644 min
Delta R.T.: -0.003 min
Response: 3091595
Conc: 22.27 ug/ml

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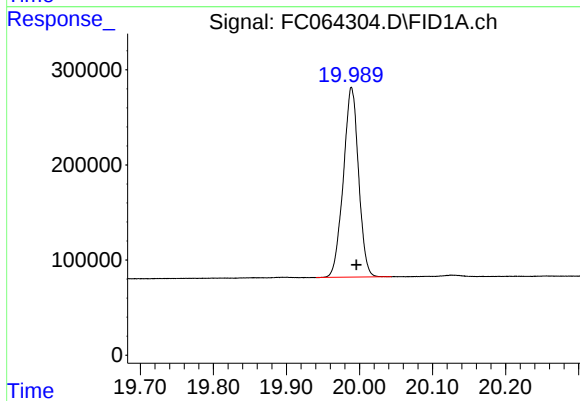
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.004 min
Response: 3066481
Conc: 21.79 ug/ml



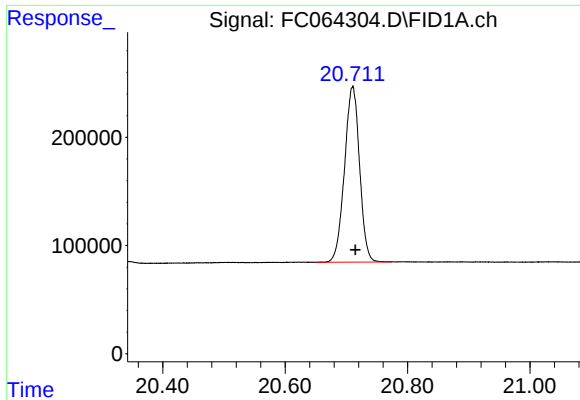
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.007 min
Response: 3008507
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

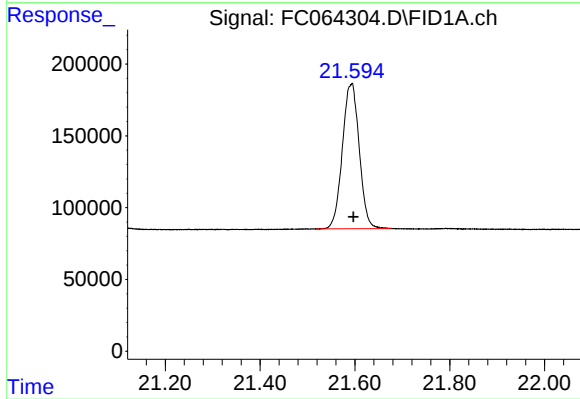
R.T.: 19.989 min
Delta R.T.: -0.007 min
Response: 2889038
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.005 min
Response: 2769370
Conc: 20.42 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.003 min
Response: 2493359
Conc: 18.56 ug/ml