

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080223AL\
 Data File : FC064288.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2023 12:57
 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 03:12:48 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)	11.514	4192031	23.497 ug/ml
Spiked Amount 50.000		Recovery =	46.99%
12) S 1-chlorooctadecane (S...	12.948	2803904	22.234 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T n-Nonane (C9)	3.305	3866408	23.829 ug/ml
2) T n-Decane (C10)	4.367	3904253	23.876 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3947786	24.325 ug/ml
4) T n-Dodecane (C12)	6.379	3915327	23.983 ug/ml
5) T A~2-methylnaphthalene...	7.002	3661806	24.033 ug/ml
6) T n-Tetradecane (C14)	8.169	3756329	23.924 ug/ml
7) T n-Hexadecane (C16)	9.764	3743626	23.809 ug/ml
8) T n-Octadecane (C18)	11.201	3746354	23.646 ug/ml
10) T n-Eicosane (C20)	12.505	3487515	23.368 ug/ml
11) T n-Heneicosane (C21)	13.116	3401384	23.305 ug/ml
13) T n-Docosane (C22)	13.699	3344165	23.431 ug/ml
14) T n-Tetracosane (C24)	14.797	3282462	23.369 ug/ml
15) T n-Hexacosane (C26)	15.814	3214957	23.412 ug/ml
16) T n-Octacosane (C28)	16.760	3145483	23.457 ug/ml
17) T n-Tricontane (C30)	17.644	3213195	23.150 ug/ml
18) T n-Dotriacontane (C32)	18.474	3192826	22.689 ug/ml
19) T n-Tetratriacontane (C34)	19.255	3131399	22.554 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2995586	22.077 ug/ml
21) T n-Octatriacontane (C38)	20.712	2841137	20.947 ug/ml
22) T n-Tetracontane (C40)	21.593	2519884	18.760 ug/ml

(f)=RT Delta > 1/2 Window

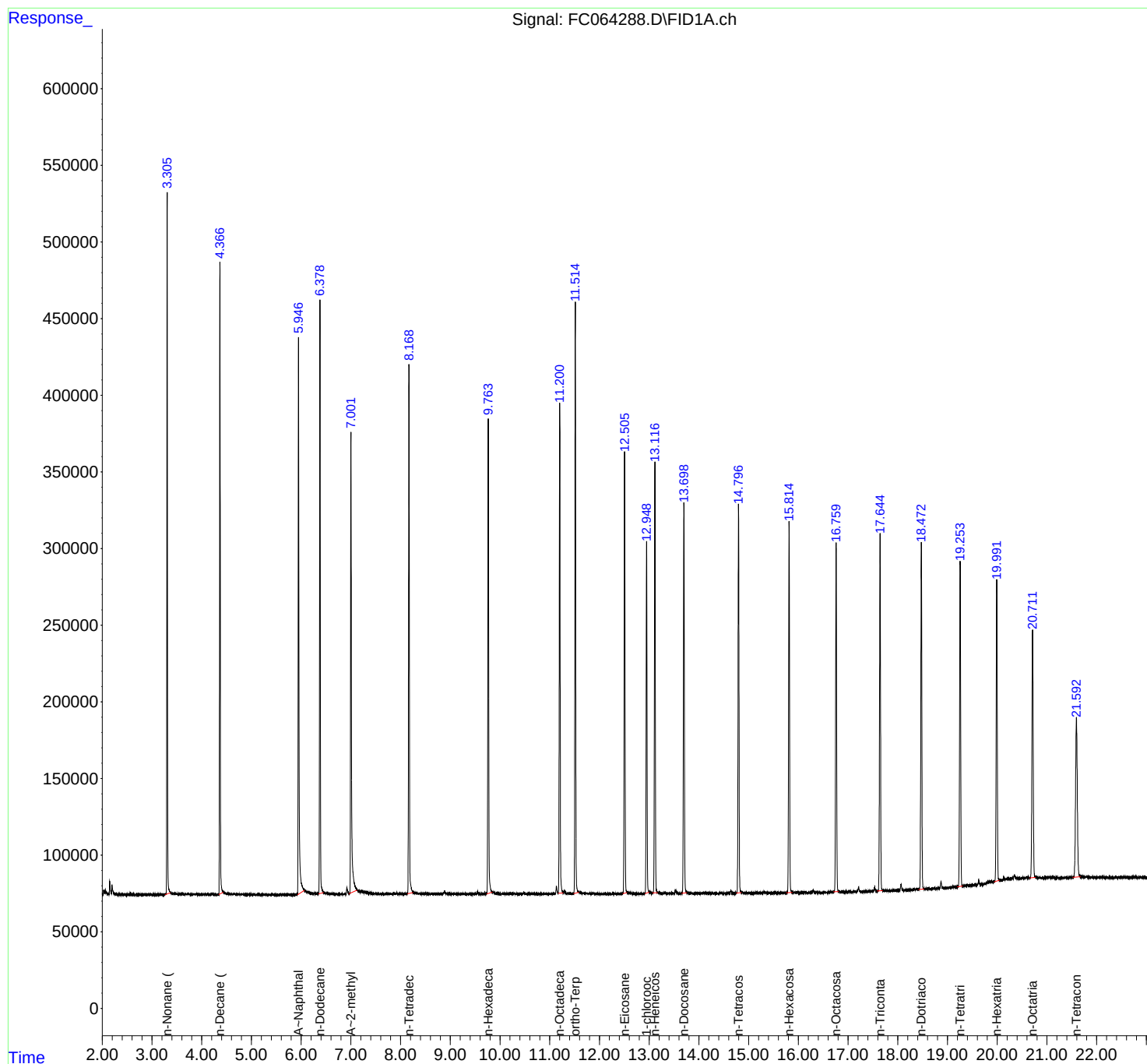
(m)=manual int.

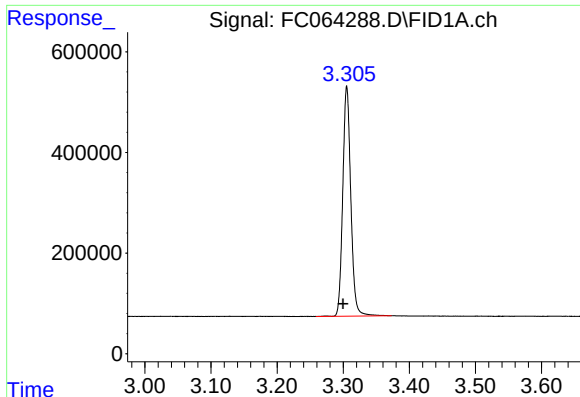
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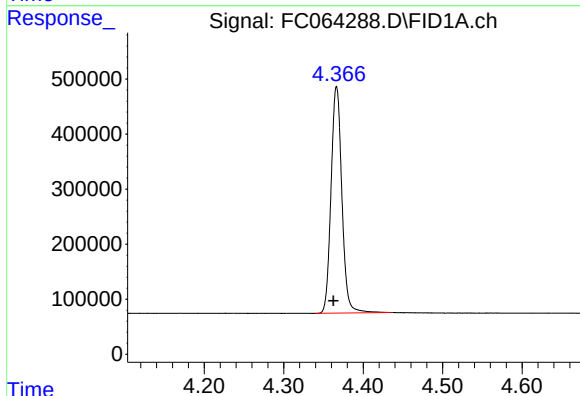




#1 n-Nonane (C9)

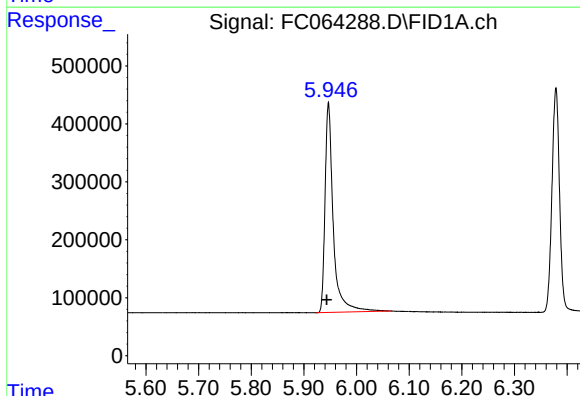
R.T.: 3.305 min
Delta R.T.: 0.005 min
Response: 3866408
Conc: 23.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



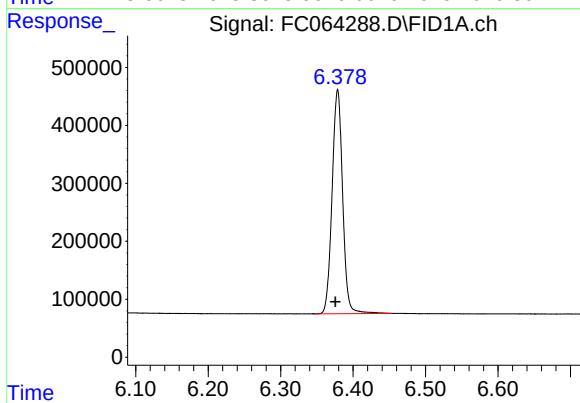
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 3904253
Conc: 23.88 ug/ml



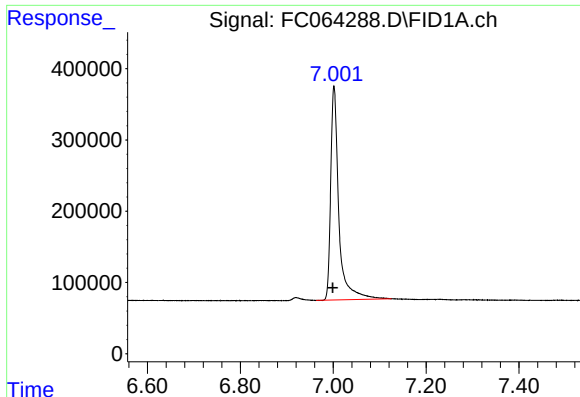
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 3947786
Conc: 24.32 ug/ml



#4 n-Dodecane (C12)

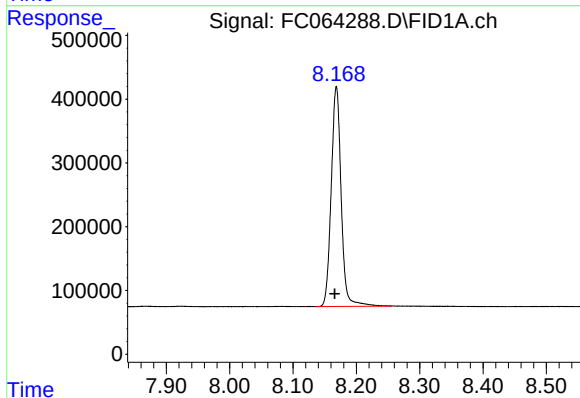
R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 3915327
Conc: 23.98 ug/ml



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

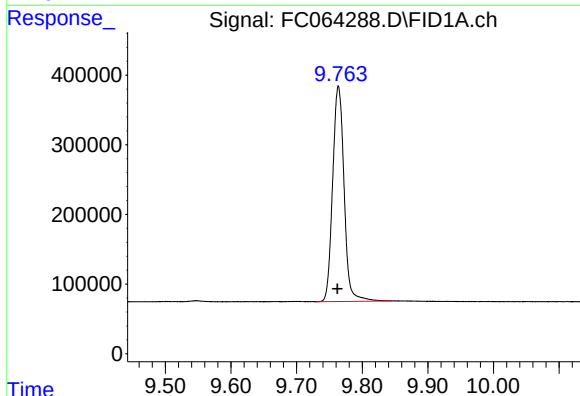
R.T.: 7.002 min
Delta R.T.: 0.003 min
Response: 3661806
Conc: 24.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



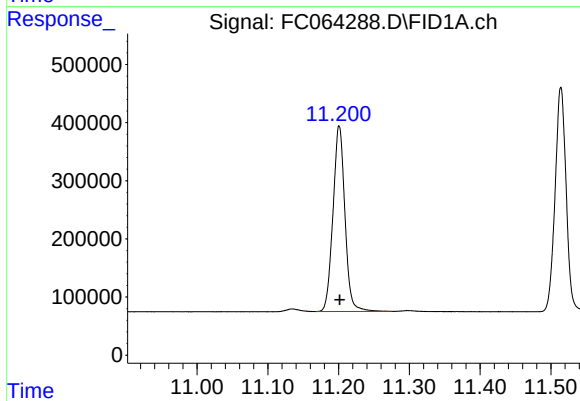
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 3756329
Conc: 23.92 ug/ml



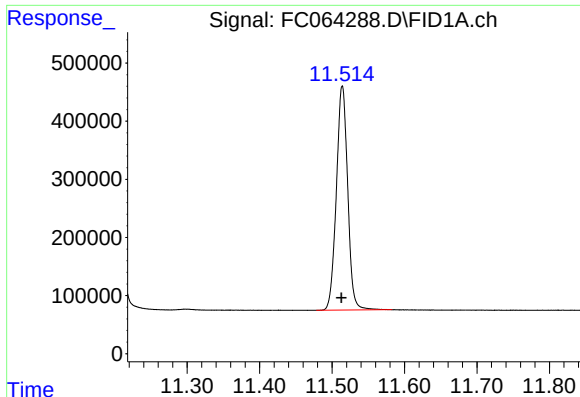
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 3743626
Conc: 23.81 ug/ml



#8 n-Octadecane (C18)

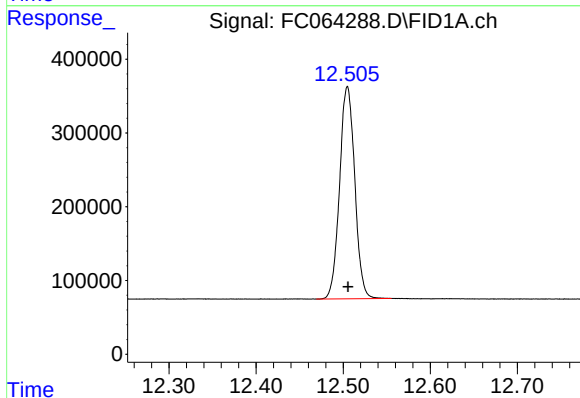
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3746354
Conc: 23.65 ug/ml



#9 ortho-Terphenyl (SURR)

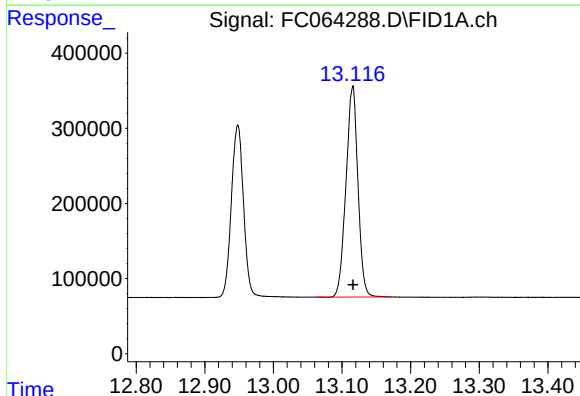
R.T.: 11.514 min
Delta R.T.: 0.001 min
Response: 4192031
Conc: 23.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



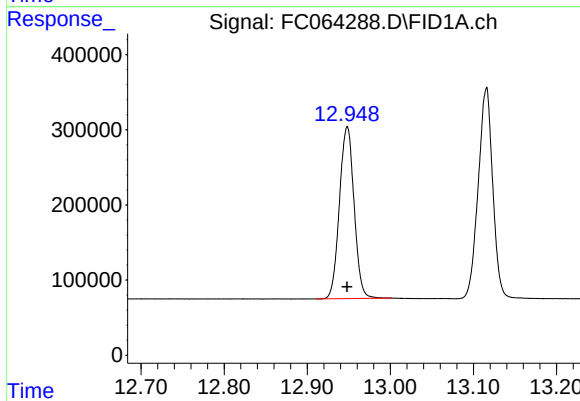
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3487515
Conc: 23.37 ug/ml



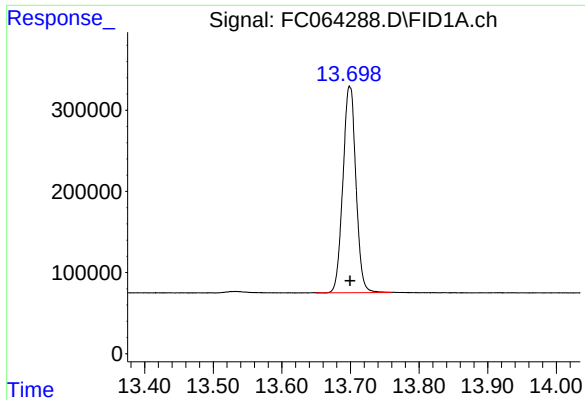
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 3401384
Conc: 23.31 ug/ml



#12 1-chlorooctadecane (SURR)

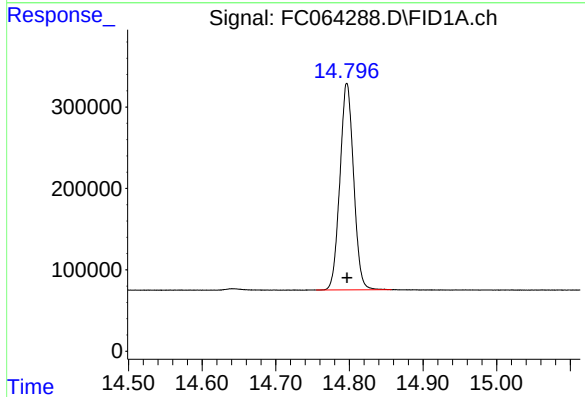
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2803904
Conc: 22.23 ug/ml



#13 n-Docosane (C22)

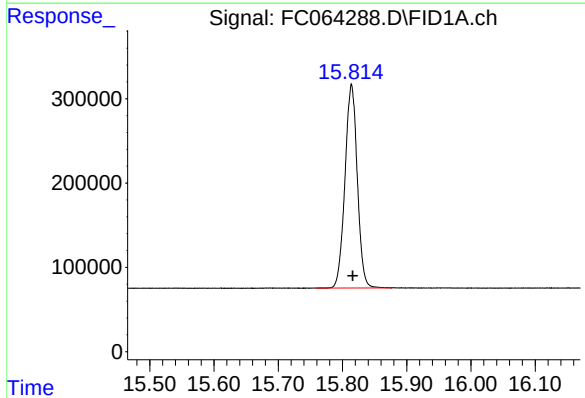
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 3344165
Conc: 23.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



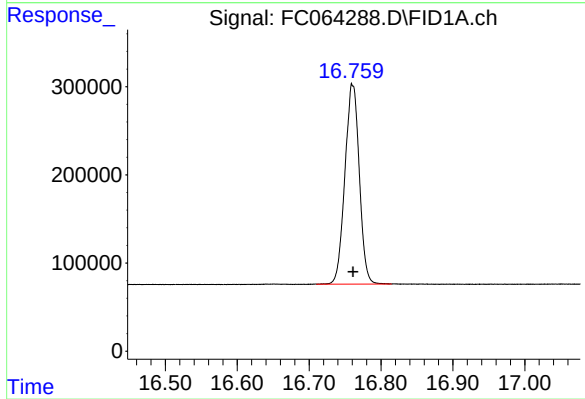
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 3282462
Conc: 23.37 ug/ml



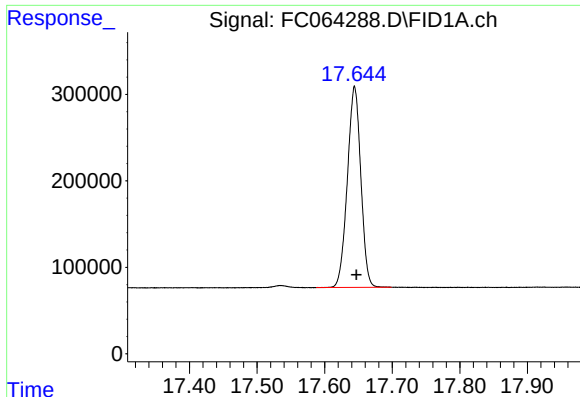
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.002 min
Response: 3214957
Conc: 23.41 ug/ml



#16 n-Octacosane (C28)

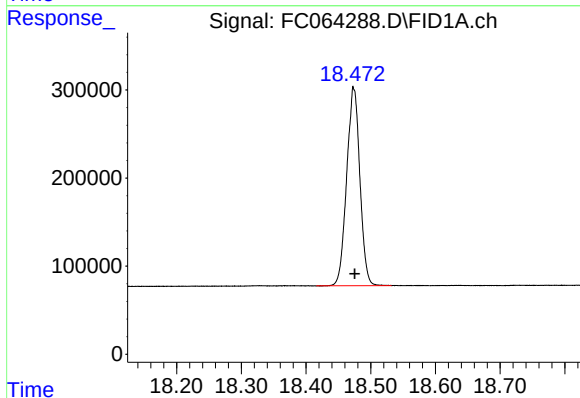
R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 3145483
Conc: 23.46 ug/ml



#17 n-Tricontane (C30)

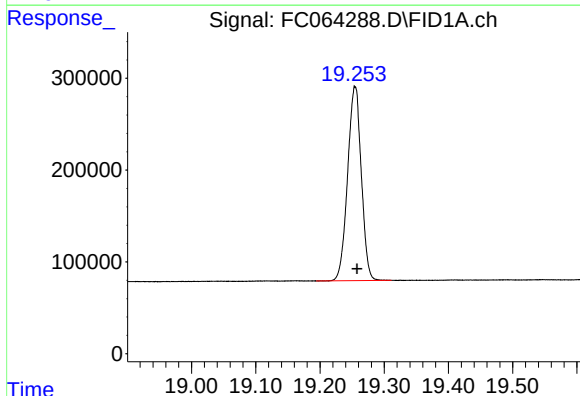
R.T.: 17.644 min
Delta R.T.: -0.003 min
Response: 3213195
Conc: 23.15 ug/ml

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20 PPM ALIPHATIC HC STD



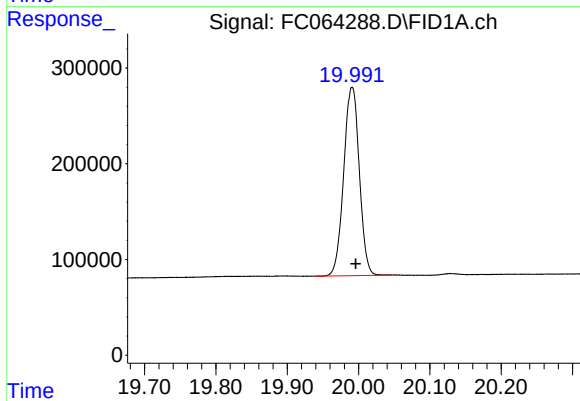
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.001 min
Response: 3192826
Conc: 22.69 ug/ml



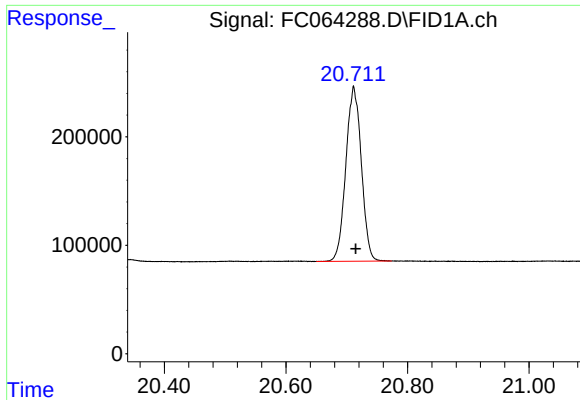
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.003 min
Response: 3131399
Conc: 22.55 ug/ml



#20 n-Hexatriacontane (C36)

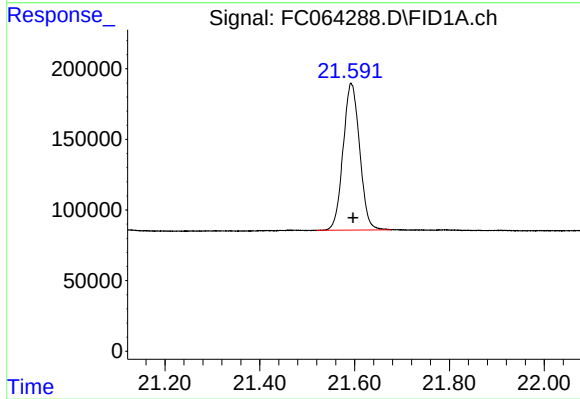
R.T.: 19.991 min
Delta R.T.: -0.005 min
Response: 2995586
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.003 min
Response: 2841137
Conc: 20.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.004 min
Response: 2519884
Conc: 18.76 ug/ml