

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072823AL\
 Data File : FC064285.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 17:12
 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: sample.E
 Quant Time: Jul 29 01:48:00 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)	11.516	3746827	21.002 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
12) S 1-chlorooctadecane (S...	12.950	2587927	20.521 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.304	3437082	21.183 ug/ml
2) T n-Decane (C10)	4.367	3481606	21.292 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3474073	21.406 ug/ml
4) T n-Dodecane (C12)	6.381	3511327	21.509 ug/ml
5) T A~2-methylnaphthalene...	7.004	3266910	21.441 ug/ml
6) T n-Tetradecane (C14)	8.170	3362669	21.417 ug/ml
7) T n-Hexadecane (C16)	9.765	3342361	21.257 ug/ml
8) T n-Octadecane (C18)	11.203	3338389	21.071 ug/ml
10) T n-Eicosane (C20)	12.508	3150745	21.112 ug/ml
11) T n-Heneicosane (C21)	13.117	3067740	21.019 ug/ml
13) T n-Docosane (C22)	13.702	3054682	21.403 ug/ml
14) T n-Tetracosane (C24)	14.800	3025383	21.539 ug/ml
15) T n-Hexacosane (C26)	15.819	2984136	21.731 ug/ml
16) T n-Octacosane (C28)	16.764	2968404	22.136 ug/ml
17) T n-Tricontane (C30)	17.648	3061065	22.054 ug/ml
18) T n-Dotriacontane (C32)	18.477	3039461	21.599 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2927993	21.089 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2795591	20.603 ug/ml
21) T n-Octatriacontane (C38)	20.714	2710929	19.987 ug/ml
22) T n-Tetracontane (C40)	21.598	2529013	18.828 ug/ml

(f)=RT Delta > 1/2 Window

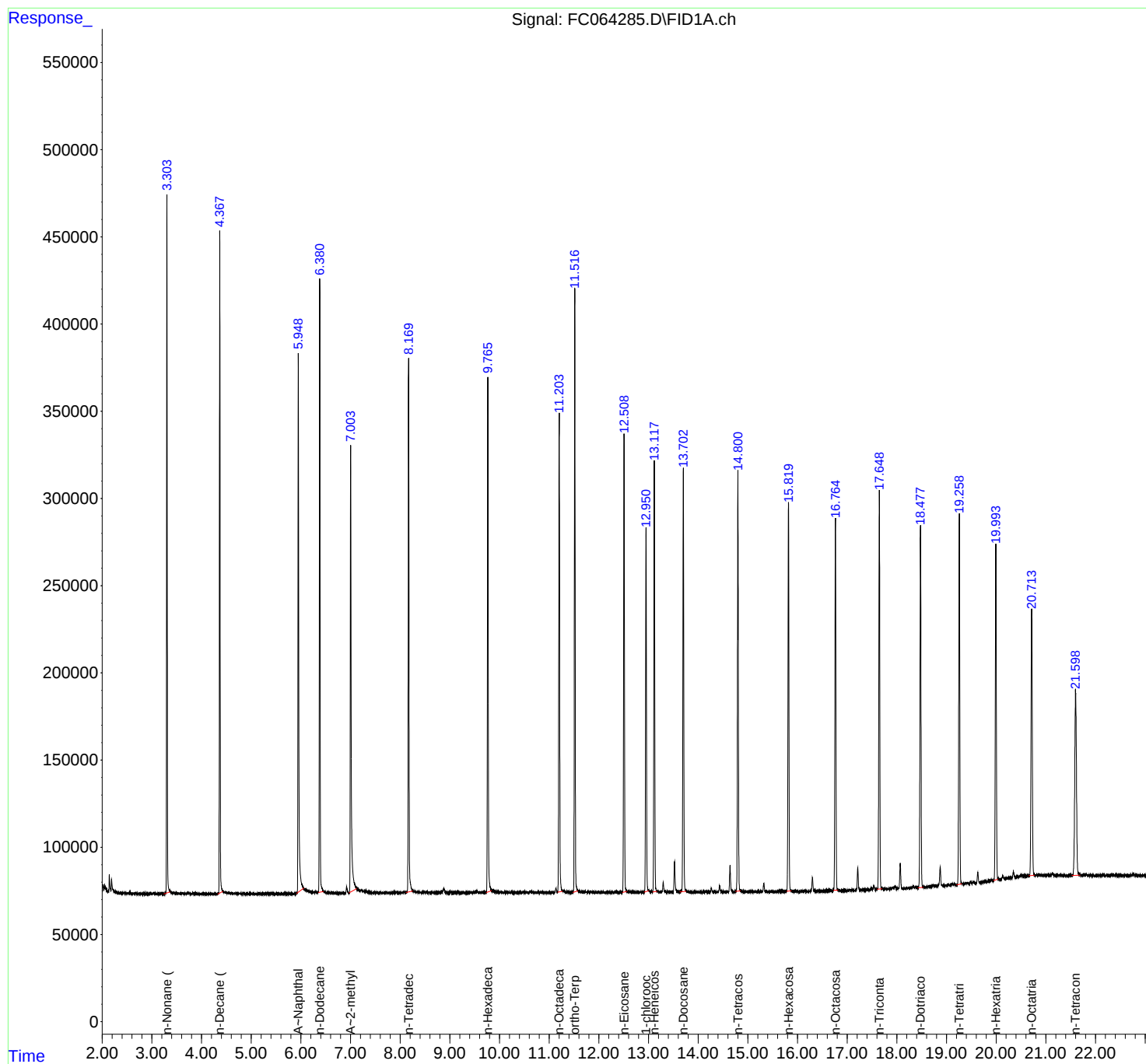
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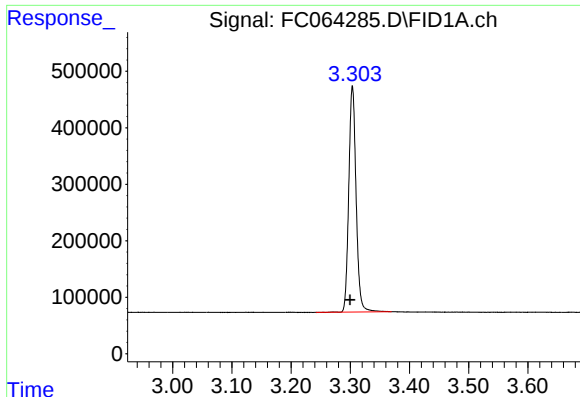
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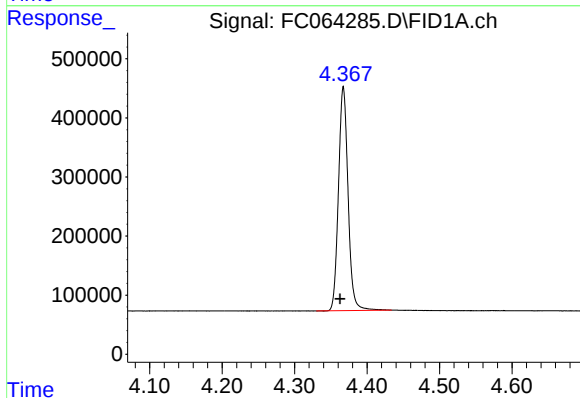




#1 n-Nonane (C9)

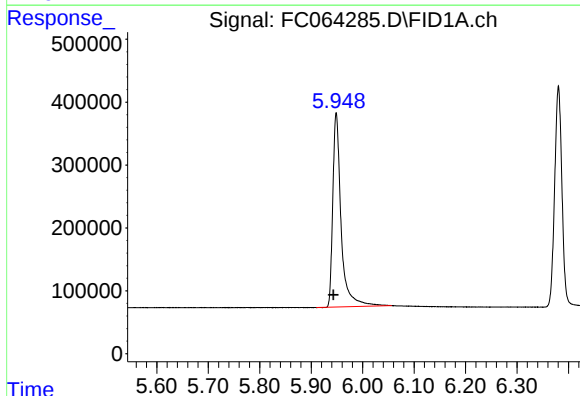
R.T.: 3.304 min
Delta R.T.: 0.004 min
Response: 3437082
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



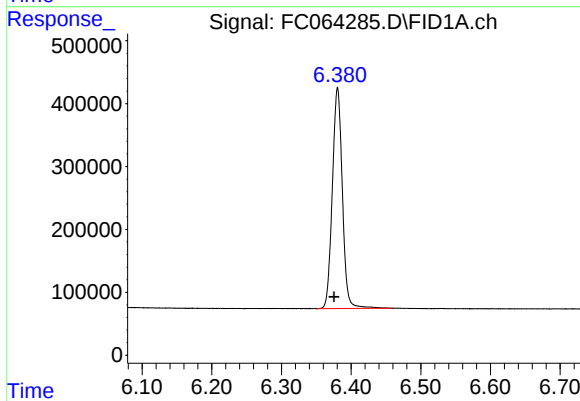
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 3481606
Conc: 21.29 ug/ml



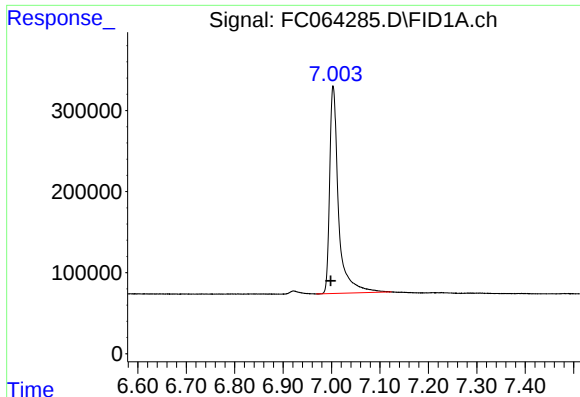
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 3474073
Conc: 21.41 ug/ml



#4 n-Dodecane (C12)

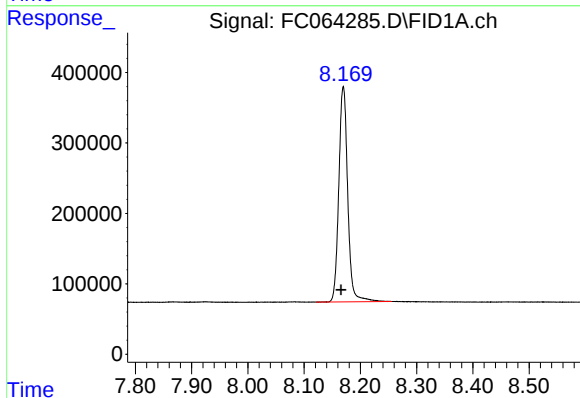
R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 3511327
Conc: 21.51 ug/ml



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

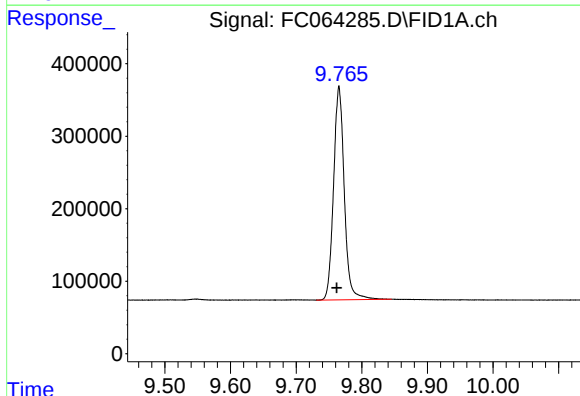
R.T.: 7.004 min
Delta R.T.: 0.005 min
Response: 3266910
Conc: 21.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



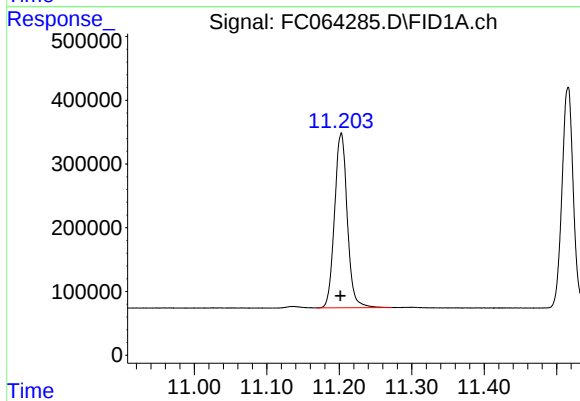
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 3362669
Conc: 21.42 ug/ml



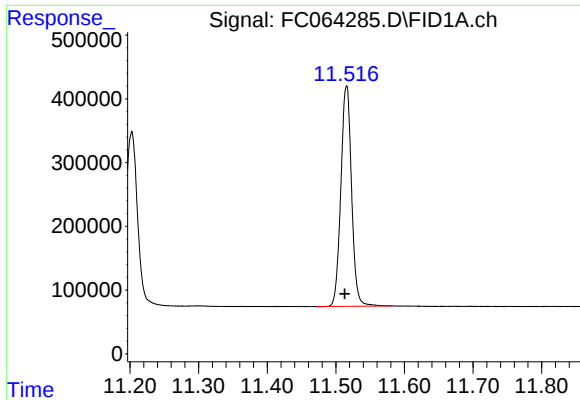
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: 0.003 min
Response: 3342361
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

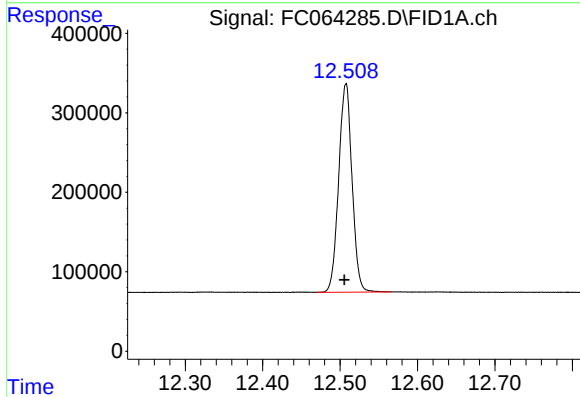
R.T.: 11.203 min
Delta R.T.: 0.001 min
Response: 3338389
Conc: 21.07 ug/ml



#9 ortho-Terphenyl (SURR)

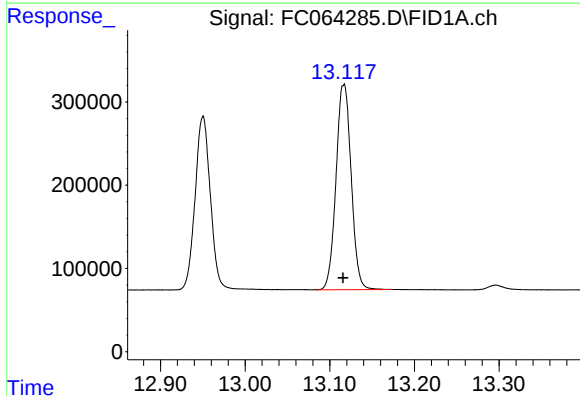
R.T.: 11.516 min
Delta R.T.: 0.003 min
Response: 3746827
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



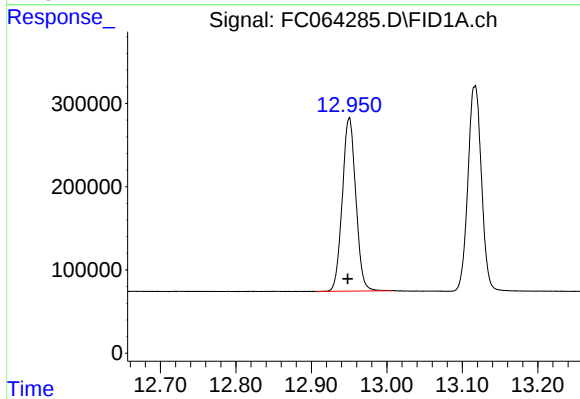
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.002 min
Response: 3150745
Conc: 21.11 ug/ml



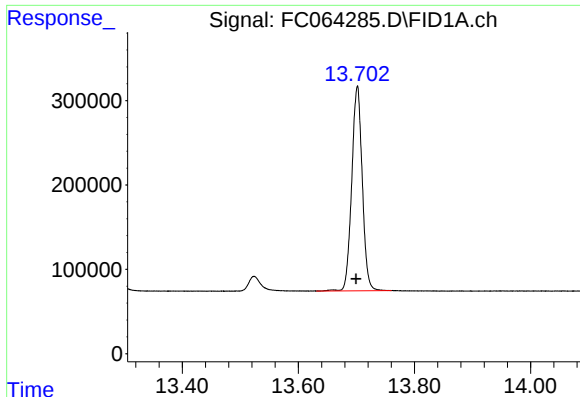
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 3067740
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

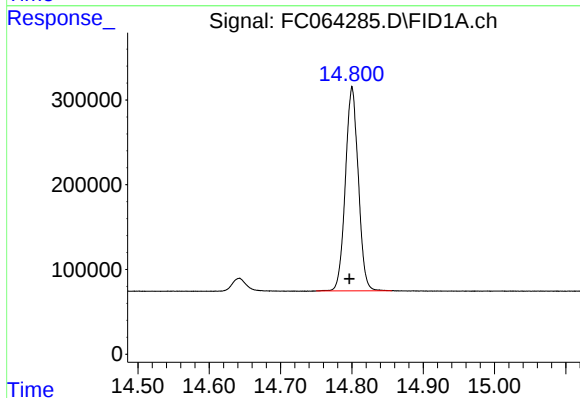
R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 2587927
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

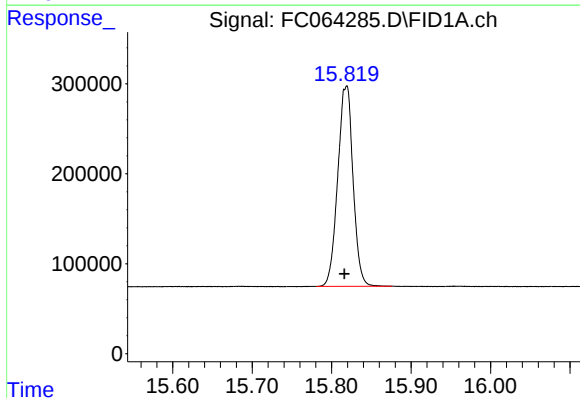
R.T.: 13.702 min
Delta R.T.: 0.002 min
Response: 3054682
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



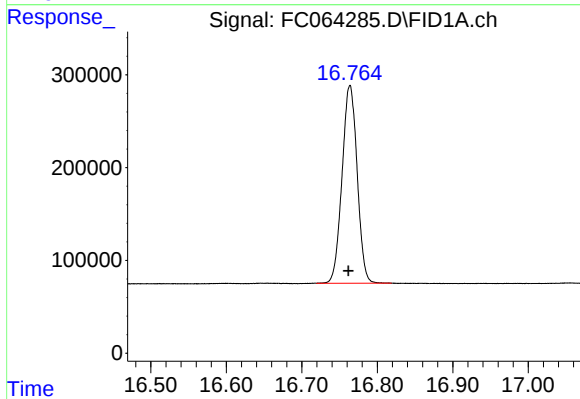
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 3025383
Conc: 21.54 ug/ml



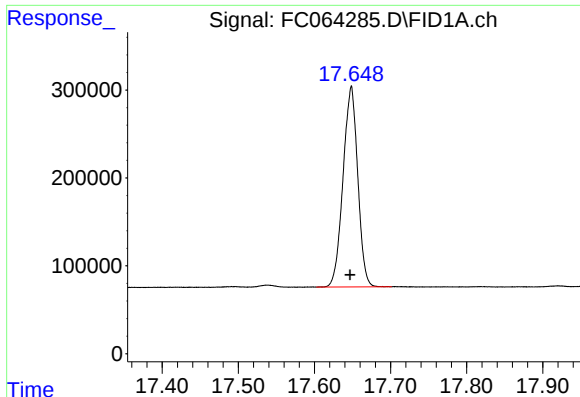
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.003 min
Response: 2984136
Conc: 21.73 ug/ml



#16 n-Octacosane (C28)

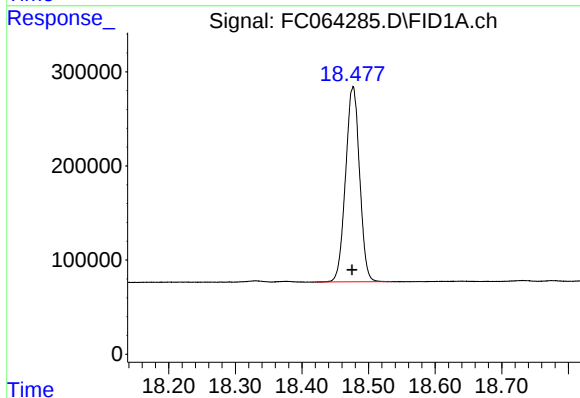
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2968404
Conc: 22.14 ug/ml



#17 n-Tricontane (C30)

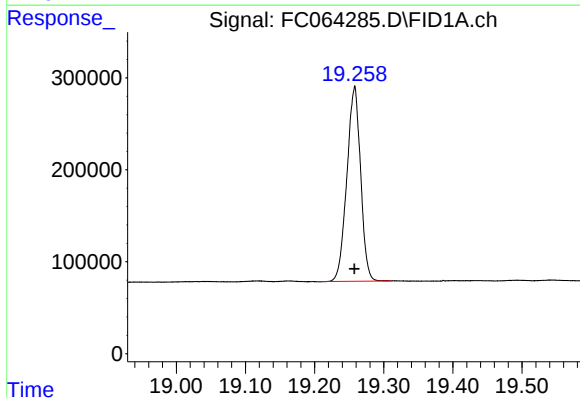
R.T.: 17.648 min
Delta R.T.: 0.002 min
Response: 3061065
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



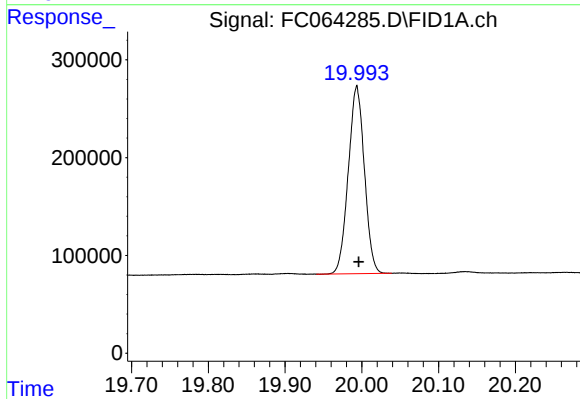
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.002 min
Response: 3039461
Conc: 21.60 ug/ml



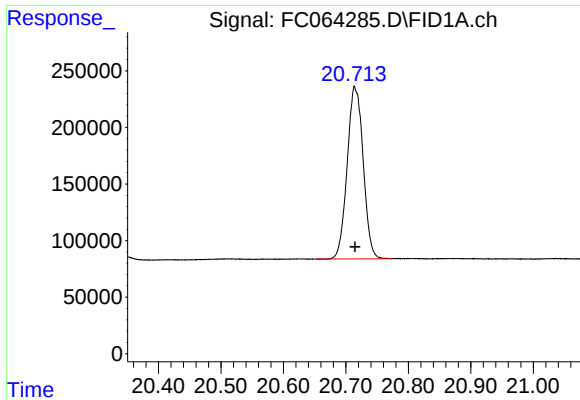
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.000 min
Response: 2927993
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

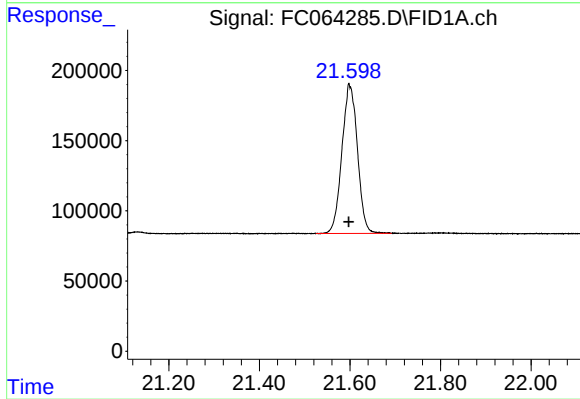
R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 2795591
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 2710929
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.001 min
Response: 2529013
Conc: 18.83 ug/ml