

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063317.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 02:31
 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: Apr 07 06:36:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.528	3286025	21.598 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
12) S 1-chlorooctadecane (S...	12.965	2387086	21.574 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
Target Compounds			
1) T n-Nonane (C9)	3.300	3078843	21.930 ug/ml
2) T n-Decane (C10)	4.365	2979721	21.866 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3307531	21.904 ug/ml
4) T n-Dodecane (C12)	6.381	2940395	21.857 ug/ml
5) T A~2-methylnaphthalene...	7.003	3056775	21.947 ug/ml
6) T n-Tetradecane (C14)	8.175	2950927	21.798 ug/ml
7) T n-Hexadecane (C16)	9.774	2968998	21.864 ug/ml
8) T n-Octadecane (C18)	11.215	3012455	21.749 ug/ml
10) T n-Eicosane (C20)	12.522	2902796	21.606 ug/ml
11) T n-Heneicosane (C21)	13.133	2910528	21.625 ug/ml
13) T n-Docosane (C22)	13.717	2872088	21.537 ug/ml
14) T n-Tetracosane (C24)	14.818	2866784	21.322 ug/ml
15) T n-Hexacosane (C26)	15.838	2841284	21.227 ug/ml
16) T n-Octacosane (C28)	16.783	2852320	21.066 ug/ml
17) T n-Tricontane (C30)	17.668	2893465	20.917 ug/ml
18) T n-Dotriacontane (C32)	18.498	2969867	21.036 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2967882	21.506 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2810460	21.988 ug/ml
21) T n-Octatriacontane (C38)	20.743	2647344	21.500 ug/ml
22) T n-Tetracontane (C40)	21.635	2284928	19.417 ug/ml

(f)=RT Delta > 1/2 Window

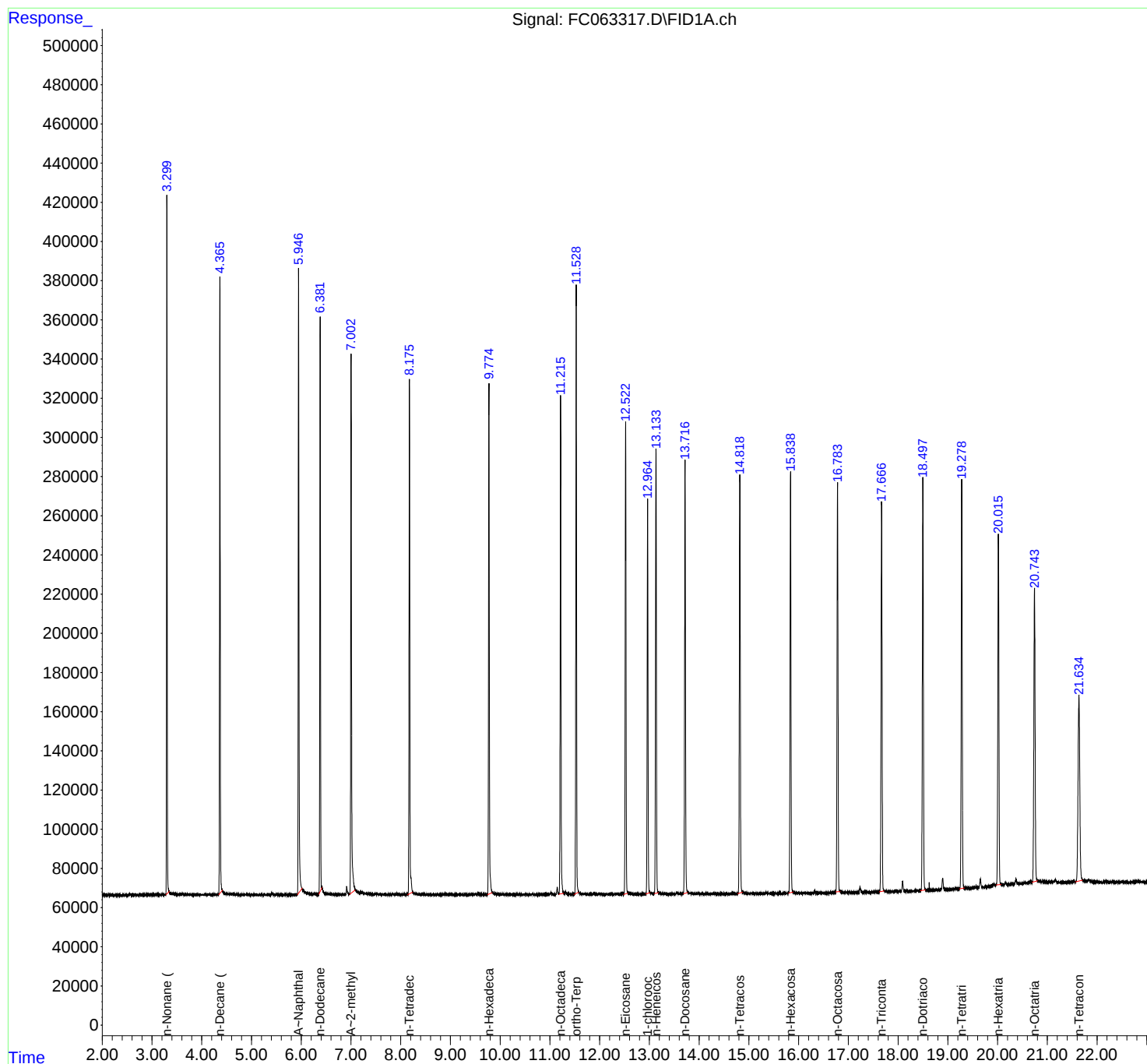
(m)=manual int.

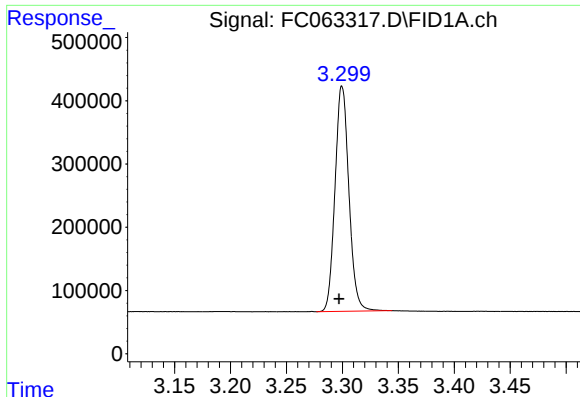
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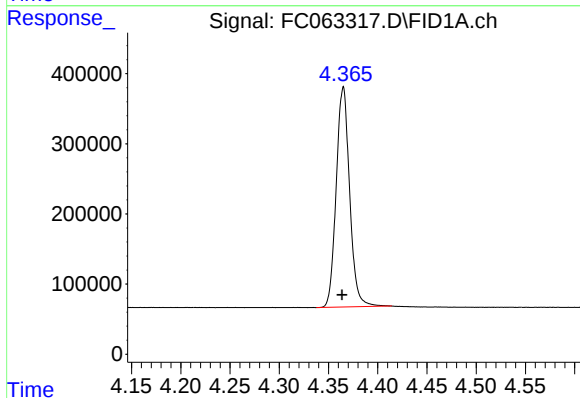




#1 n-Nonane (C9)

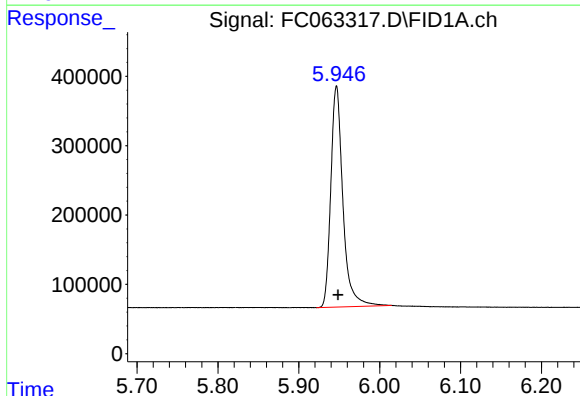
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 3078843
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



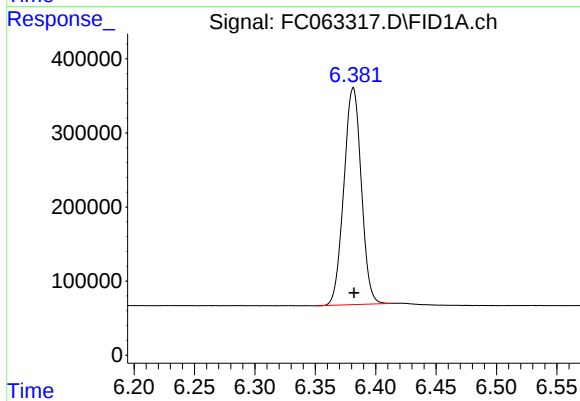
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 2979721
Conc: 21.87 ug/ml



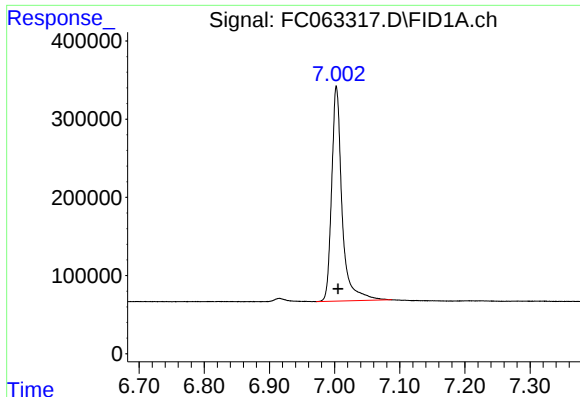
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 3307531
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

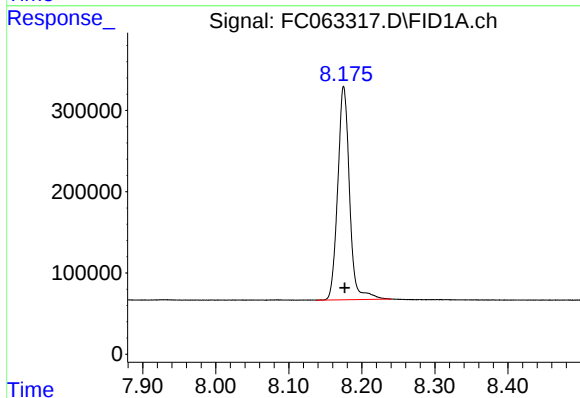
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2940395
Conc: 21.86 ug/ml



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

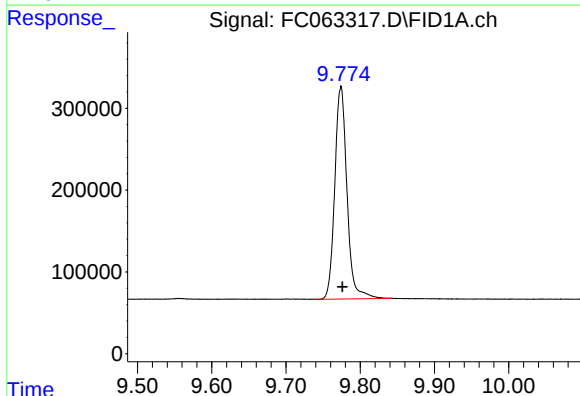
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 3056775
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



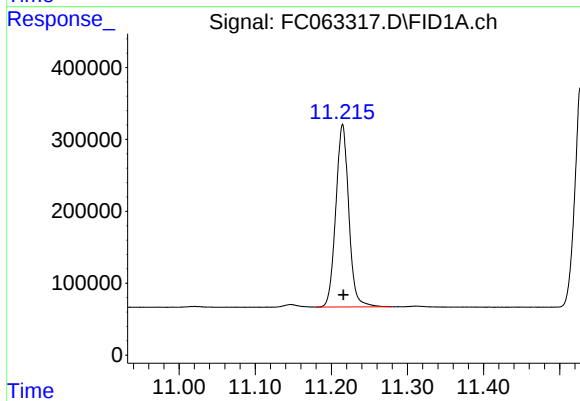
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 2950927
Conc: 21.80 ug/ml



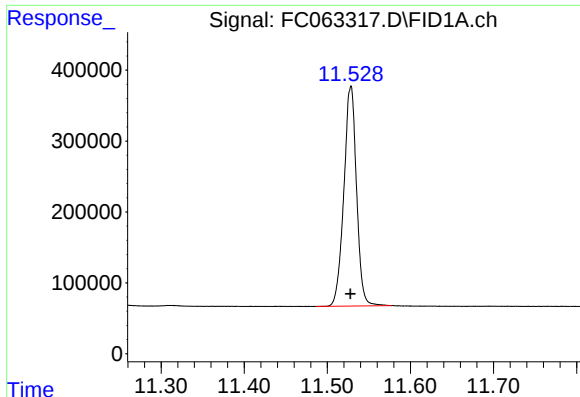
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.002 min
Response: 2968998
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

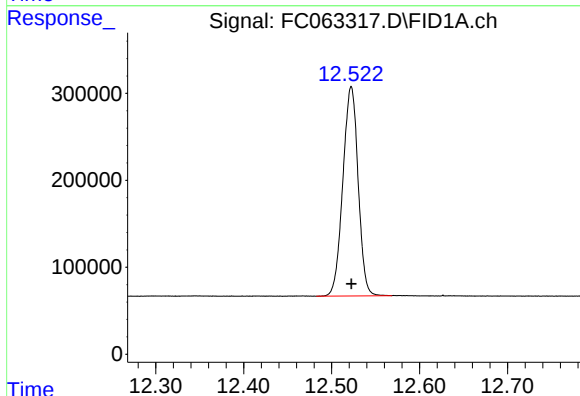
R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 3012455
Conc: 21.75 ug/ml



#9 ortho-Terphenyl (SURR)

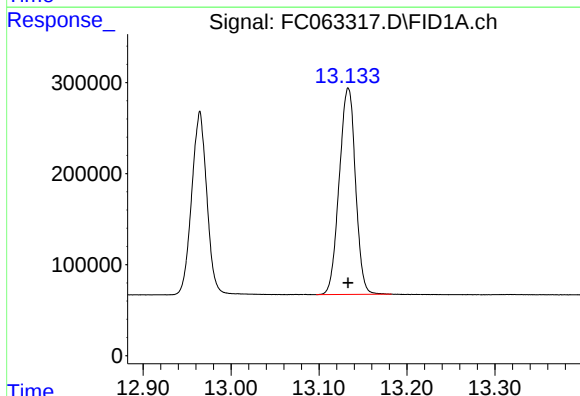
R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 3286025
Conc: 21.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



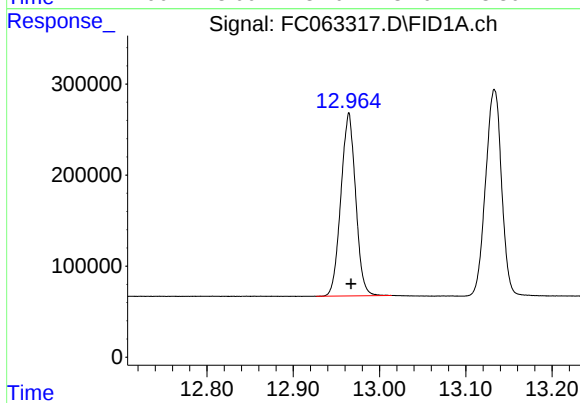
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.000 min
Response: 2902796
Conc: 21.61 ug/ml



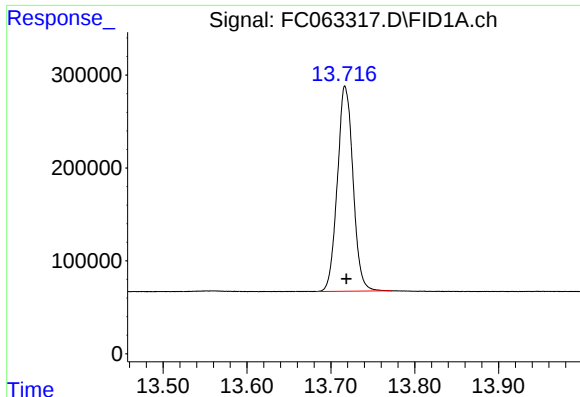
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2910528
Conc: 21.63 ug/ml



#12 1-chlorooctadecane (SURR)

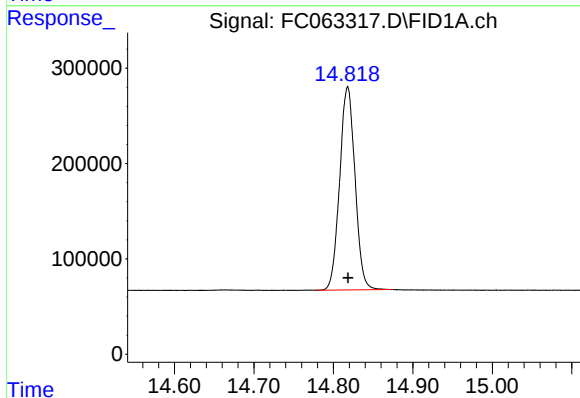
R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 2387086
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

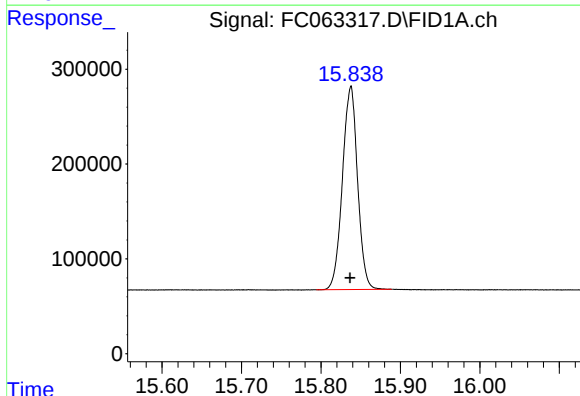
R.T.: 13.717 min
Delta R.T.: -0.001 min
Response: 2872088
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



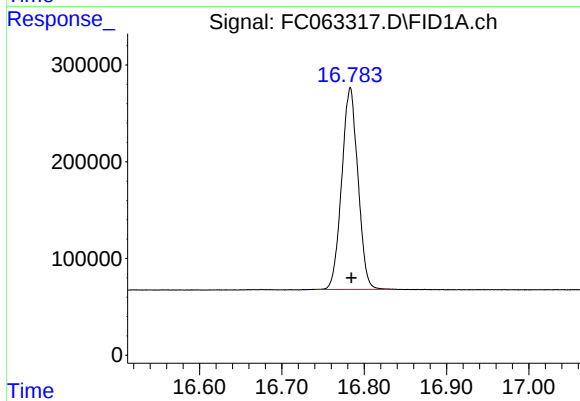
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2866784
Conc: 21.32 ug/ml



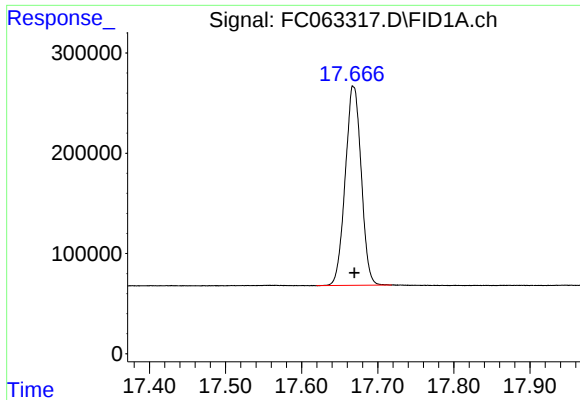
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.000 min
Response: 2841284
Conc: 21.23 ug/ml



#16 n-Octacosane (C28)

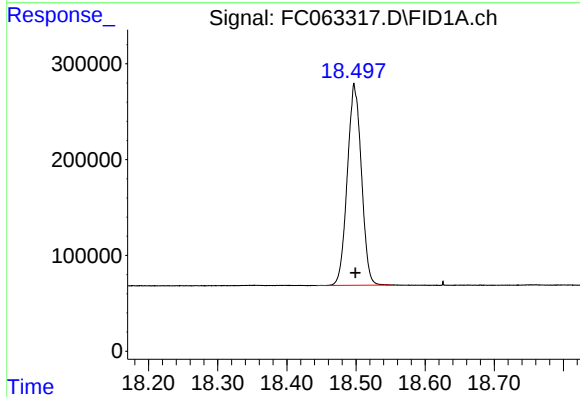
R.T.: 16.783 min
Delta R.T.: -0.001 min
Response: 2852320
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

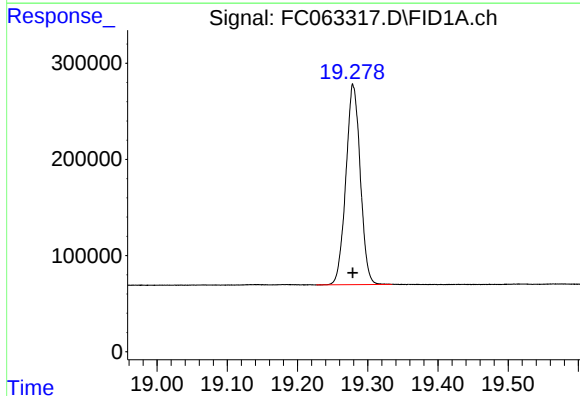
R.T.: 17.668 min
Delta R.T.: -0.001 min
Response: 2893465
Conc: 20.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



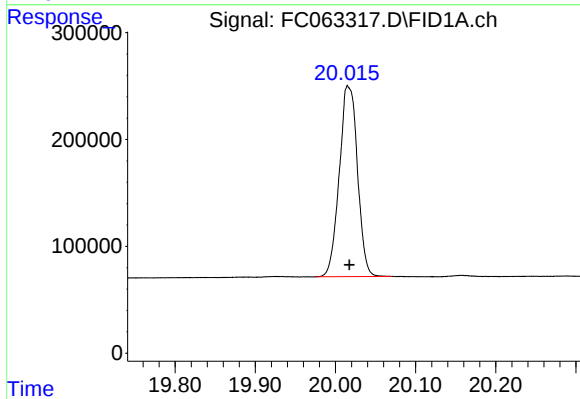
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.002 min
Response: 2969867
Conc: 21.04 ug/ml



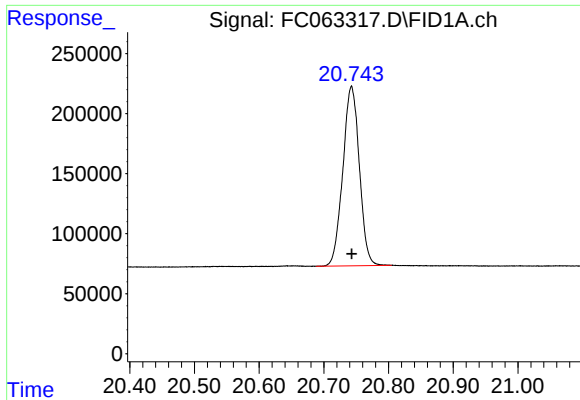
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 2967882
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

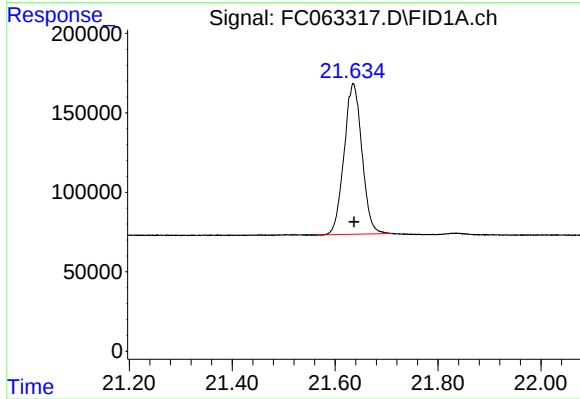
R.T.: 20.015 min
Delta R.T.: -0.002 min
Response: 2810460
Conc: 21.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 2647344
Conc: 21.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.001 min
Response: 2284928
Conc: 19.42 ug/ml