

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063164.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 16:01
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-2
 Misc : E3480
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES-2

Integration File: autoint1.e
 Quant Time: Mar 14 03:35:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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			
12) S 1-chlorooctadecane (S...	12.976	4256687	43.637 ug/ml
Spiked Amount 50.000		Recovery =	87.27%
Target Compounds			
1) T n-Nonane (C9)	3.295	2952834	24.906 ug/ml
2) T n-Decane (C10)	4.364	3536430	30.668 ug/ml
4) T n-Dodecane (C12)	6.384	3904876	33.816 ug/ml
6) T n-Tetradecane (C14)	8.180	3963045	35.066 ug/ml
7) T n-Hexadecane (C16)	9.782	4315883	37.517 ug/ml
8) T n-Octadecane (C18)	11.223	4675369	40.141 ug/ml
10) T n-Eicosane (C20)	12.532	4589533	40.279 ug/ml
11) T n-Heneicosane (C21)	13.143	4546594	39.895 ug/ml
13) T n-Docosane (C22)	13.729	4554479	40.383 ug/ml
14) T n-Tetracosane (C24)	14.830	4522170	40.353 ug/ml
15) T n-Hexacosane (C26)	15.851	4495698	40.652 ug/ml
16) T n-Octacosane (C28)	16.798	4463302	40.564 ug/ml
17) T n-Tricontane (C30)	17.684	4483805	40.716 ug/ml
18) T n-Dotriacontane (C32)	18.516	4567544	40.926 ug/ml
19) T n-Tetratriacontane (C34)	19.296	4536965	40.594 ug/ml
20) T n-Hexatriacontane (C36)	20.036	4346930	40.044 ug/ml
21) T n-Octatriacontane (C38)	20.763	4375783	40.268 ug/ml
22) T n-Tetracontane (C40)	21.664	4370919	40.177 ug/ml

(f)=RT Delta > 1/2 Window

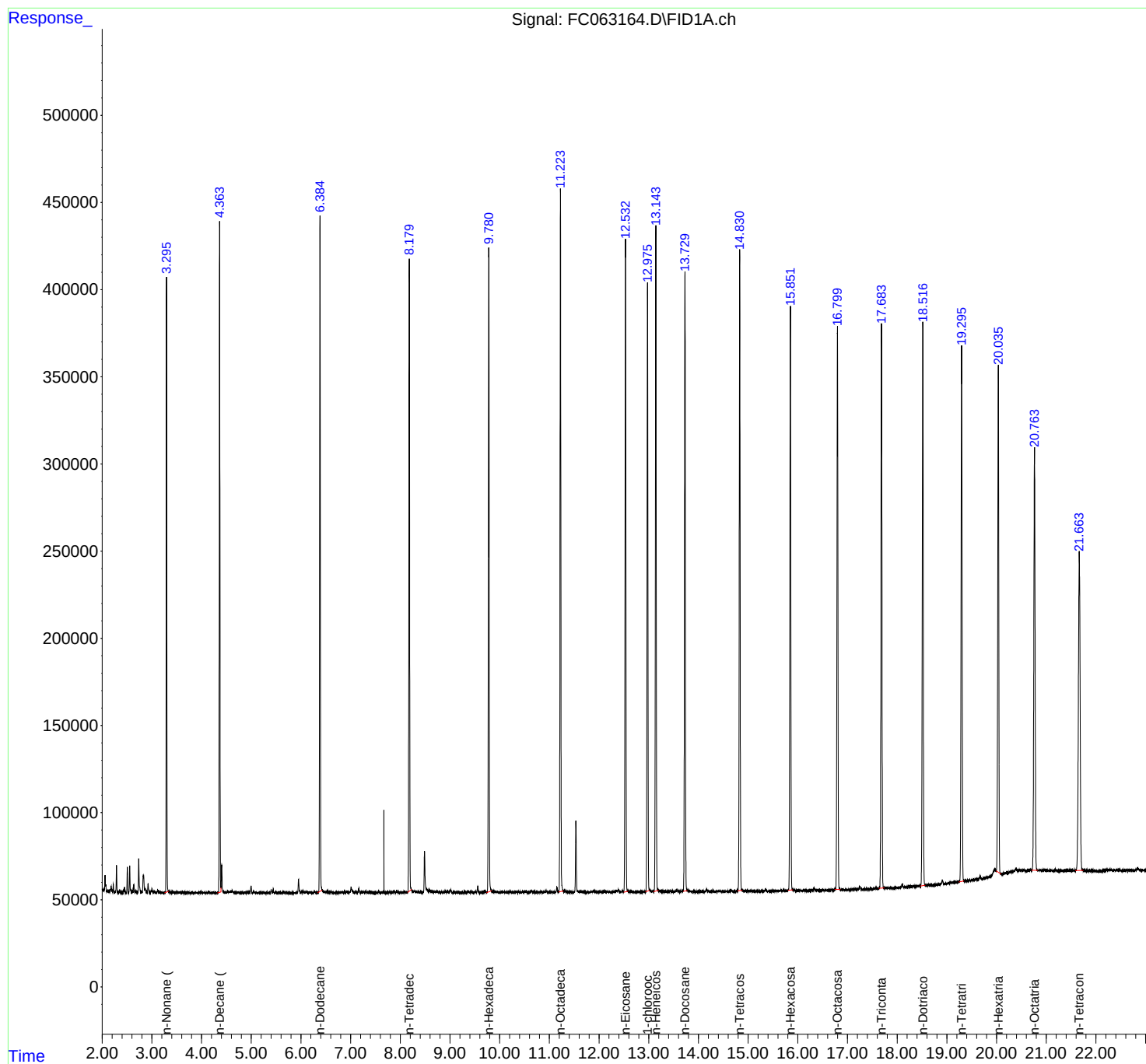
(m)=manual int.

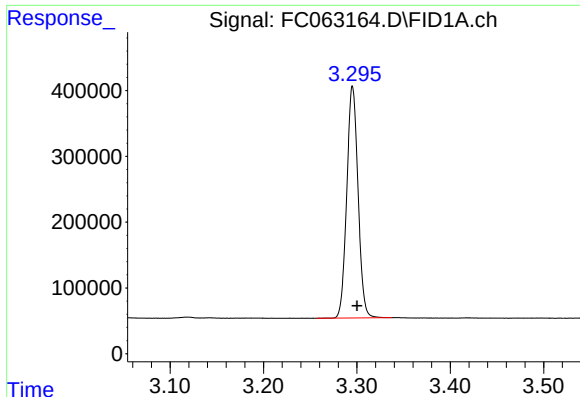
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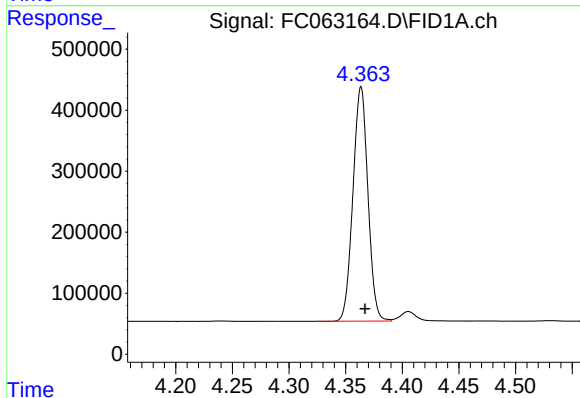




#1 n-Nonane (C9)

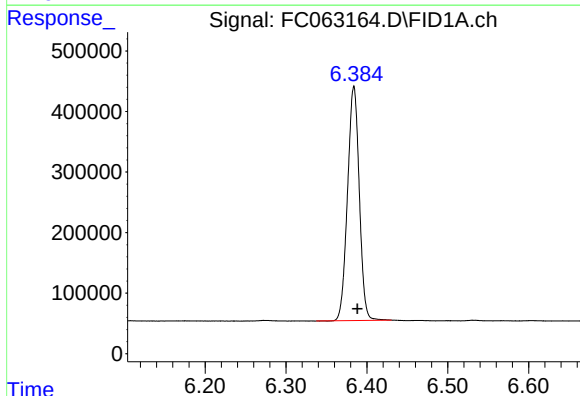
R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2952834
Conc: 24.91 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-2



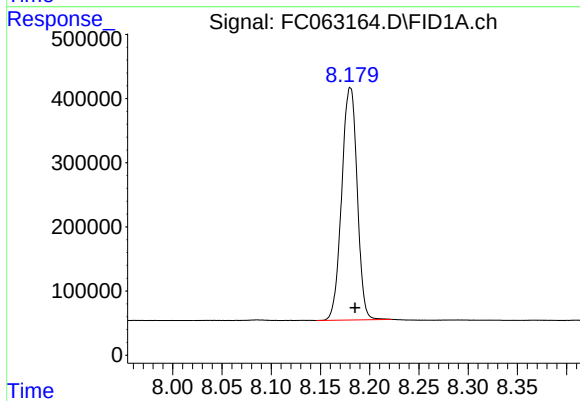
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 3536430
Conc: 30.67 ug/ml



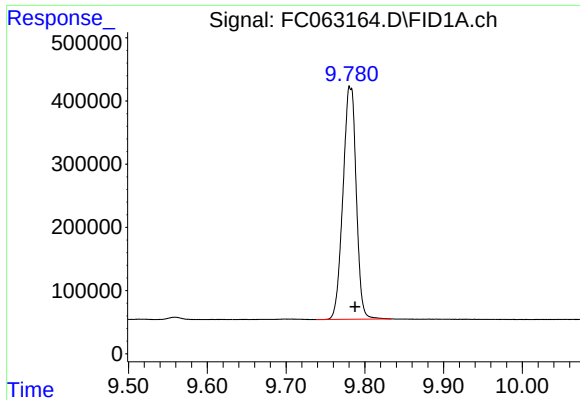
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 3904876
Conc: 33.82 ug/ml



#6 n-Tetradecane (C14)

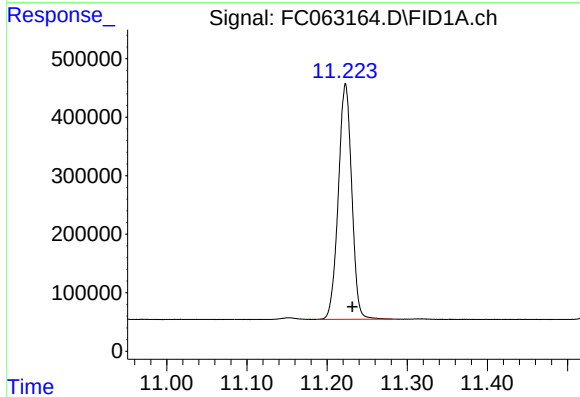
R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3963045
Conc: 35.07 ug/ml



#7 n-Hexadecane (C16)

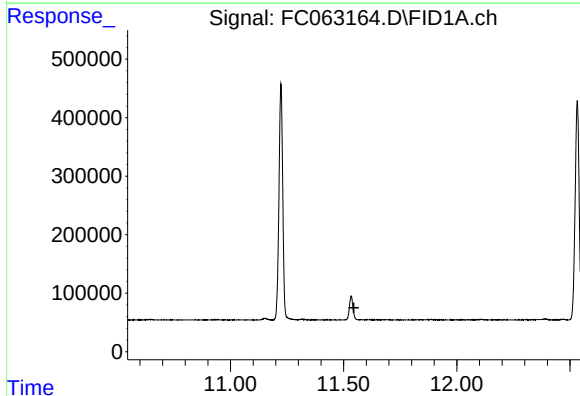
R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 4315883
Conc: 37.52 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-2



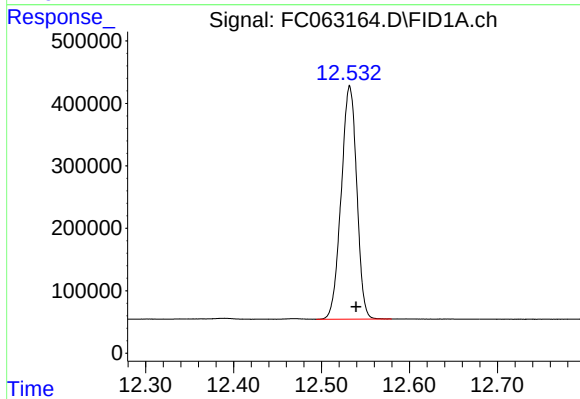
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 4675369
Conc: 40.14 ug/ml



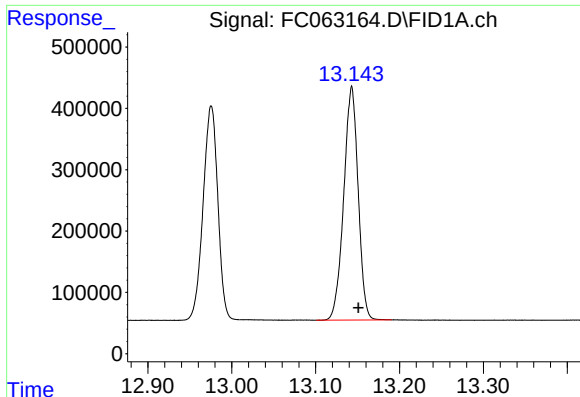
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

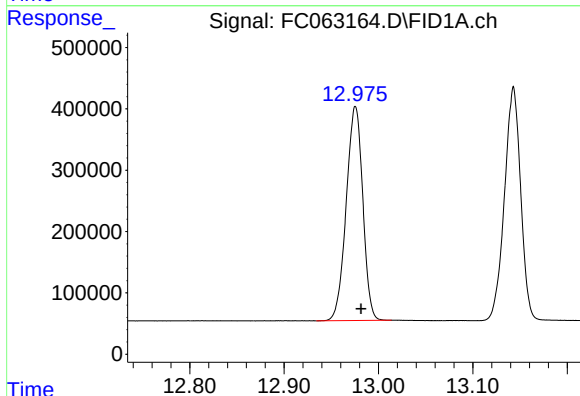
R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 4589533
Conc: 40.28 ug/ml



#11 n-Heneicosane (C21)

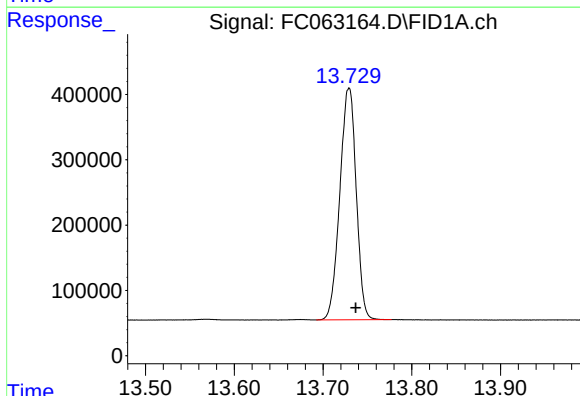
R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 4546594
Conc: 39.89 ug/ml

Instrument :
FID_C
ClientSampleId :
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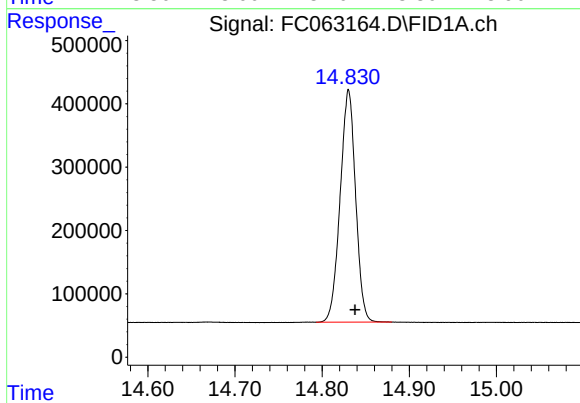
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 4256687
Conc: 43.64 ug/ml



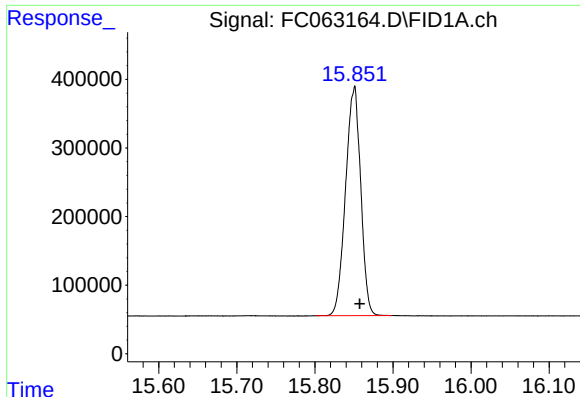
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 4554479
Conc: 40.38 ug/ml



#14 n-Tetracosane (C24)

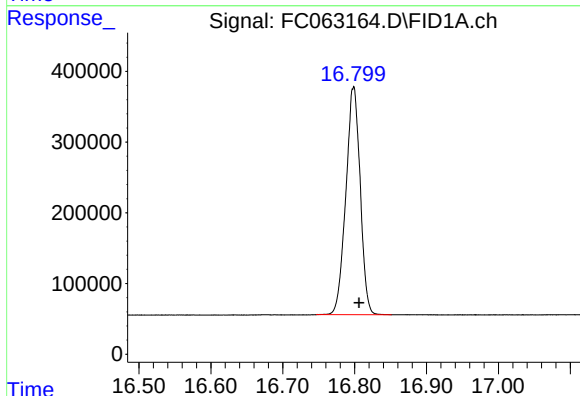
R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 4522170
Conc: 40.35 ug/ml



#15 n-Hexacosane (C26)

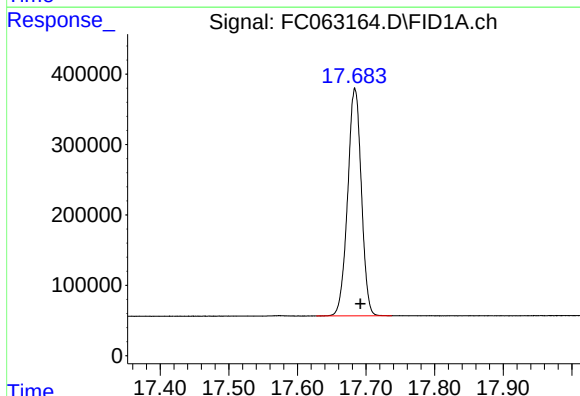
R.T.: 15.851 min
Delta R.T.: -0.007 min
Response: 4495698
Conc: 40.65 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-2



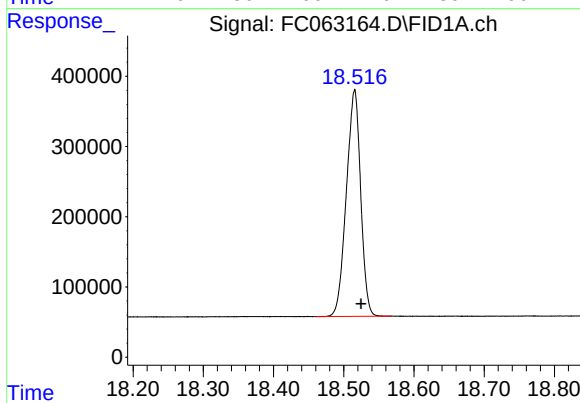
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 4463302
Conc: 40.56 ug/ml



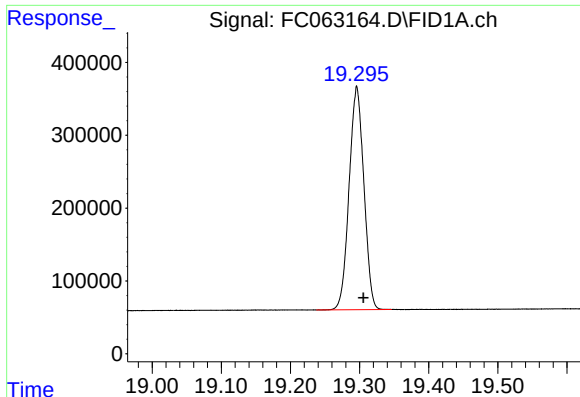
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 4483805
Conc: 40.72 ug/ml



#18 n-Dotriacontane (C32)

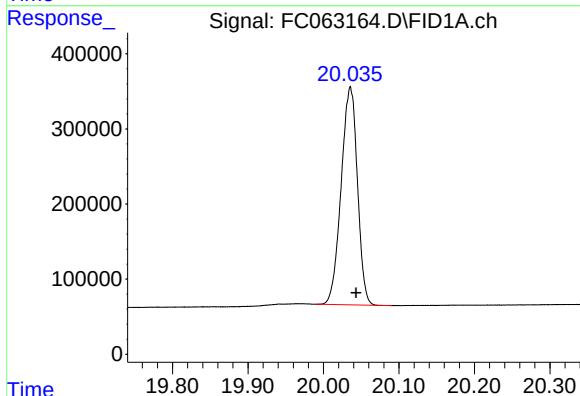
R.T.: 18.516 min
Delta R.T.: -0.009 min
Response: 4567544
Conc: 40.93 ug/ml



#19 n-Tetratriacontane (C34)

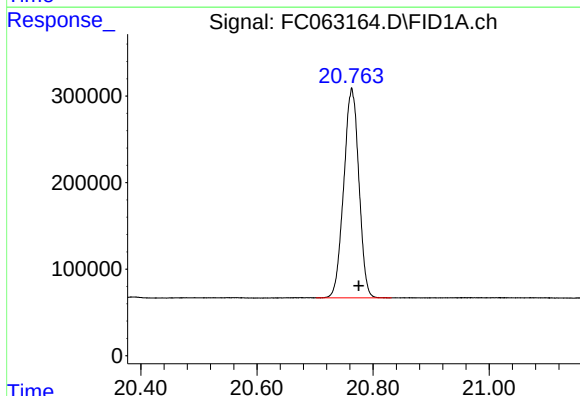
R.T.: 19.296 min
Delta R.T.: -0.009 min
Response: 4536965
Conc: 40.59 ug/ml

Instrument :
FID_C
ClientSampleId :
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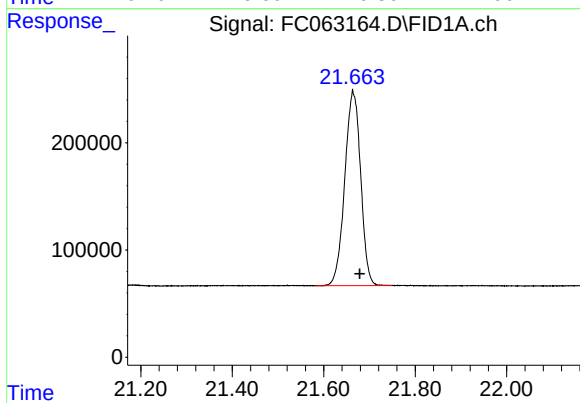
#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: -0.007 min
Response: 4346930
Conc: 40.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.012 min
Response: 4375783
Conc: 40.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.015 min
Response: 4370919
Conc: 40.18 ug/ml