

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063165.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 16:56
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-3
 Misc : E3480
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES-3

Integration File: autoint1.e
 Quant Time: Mar 14 03:35:20 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...	12.977	4989804	51.152 ug/ml
Spiked Amount 50.000		Recovery =	102.30%
Target Compounds			
1) T n-Nonane (C9)	3.295	3213049	27.101 ug/ml
2) T n-Decane (C10)	4.363	3870487	33.565 ug/ml
4) T n-Dodecane (C12)	6.384	4283713	37.097 ug/ml
6) T n-Tetradecane (C14)	8.181	4339312	38.395 ug/ml
7) T n-Hexadecane (C16)	9.781	4737198	41.180 ug/ml
8) T n-Octadecane (C18)	11.224	5128145	44.028 ug/ml
10) T n-Eicosane (C20)	12.532	5022137	44.076 ug/ml
11) T n-Heneicosane (C21)	13.144	4975189	43.655 ug/ml
13) T n-Docosane (C22)	13.729	4989375	44.239 ug/ml
14) T n-Tetracosane (C24)	14.829	4953048	44.198 ug/ml
15) T n-Hexacosane (C26)	15.849	4931705	44.595 ug/ml
16) T n-Octacosane (C28)	16.798	4888647	44.429 ug/ml
17) T n-Tricontane (C30)	17.684	4926082	44.732 ug/ml
18) T n-Dotriacontane (C32)	18.517	5026000	45.033 ug/ml
19) T n-Tetratriacontane (C34)	19.297	4995411	44.696 ug/ml
20) T n-Hexatriacontane (C36)	20.036	4785900	44.087 ug/ml
21) T n-Octatriacontane (C38)	20.764	4802419	44.194 ug/ml
22) T n-Tetracontane (C40)	21.666	4808439	44.198 ug/ml

(f)=RT Delta > 1/2 Window

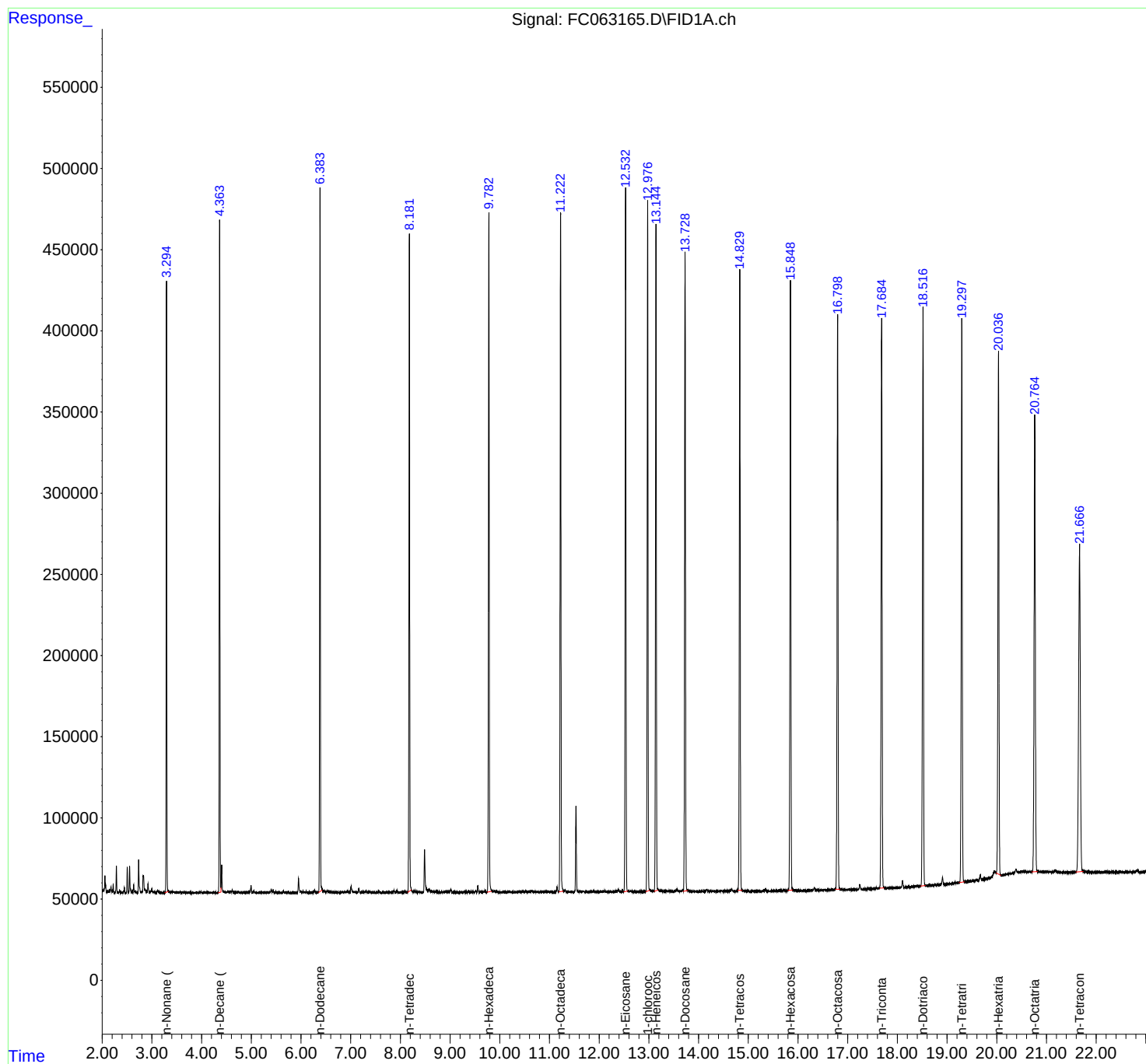
(m)=manual int.

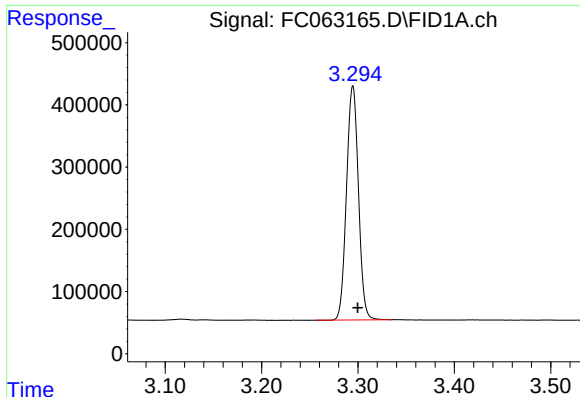
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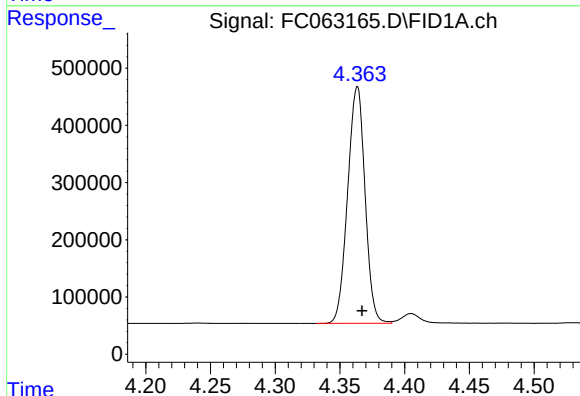




#1 n-Nonane (C9)

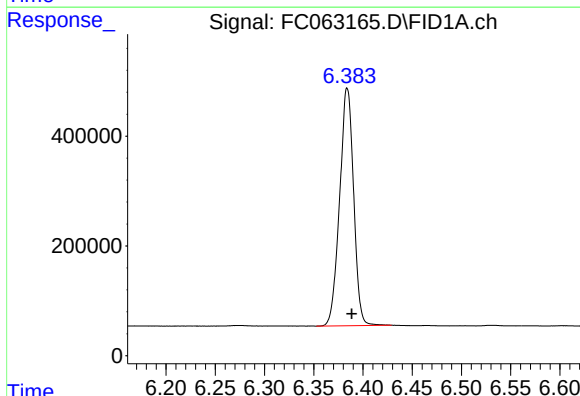
R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 3213049
Conc: 27.10 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-3



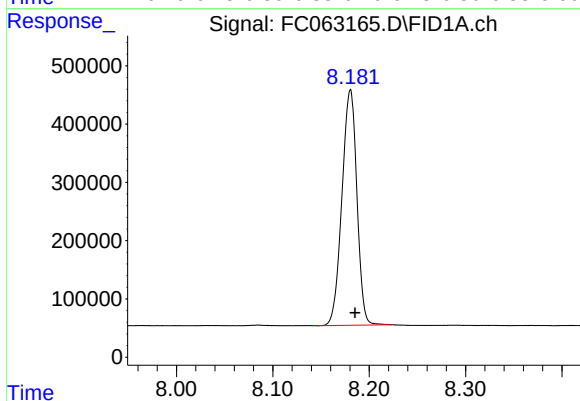
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3870487
Conc: 33.57 ug/ml



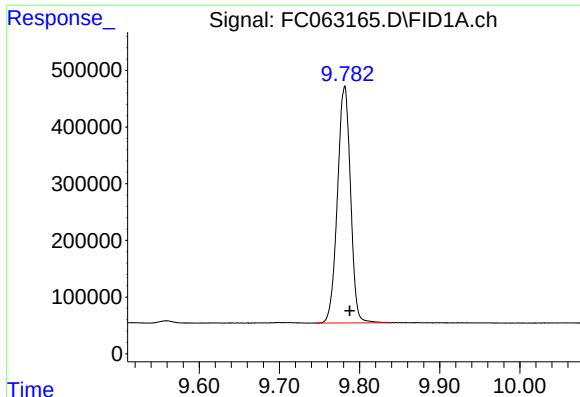
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 4283713
Conc: 37.10 ug/ml



#6 n-Tetradecane (C14)

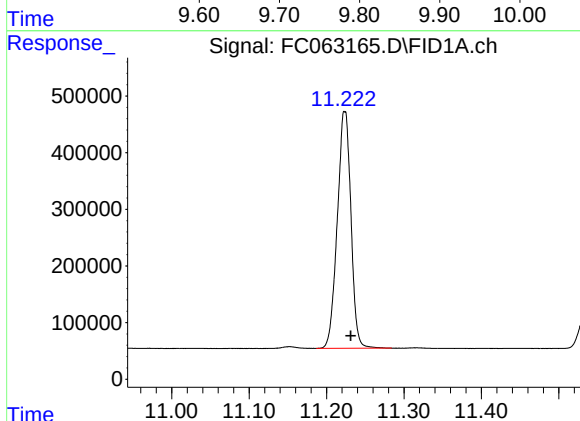
R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 4339312
Conc: 38.39 ug/ml



#7 n-Hexadecane (C16)

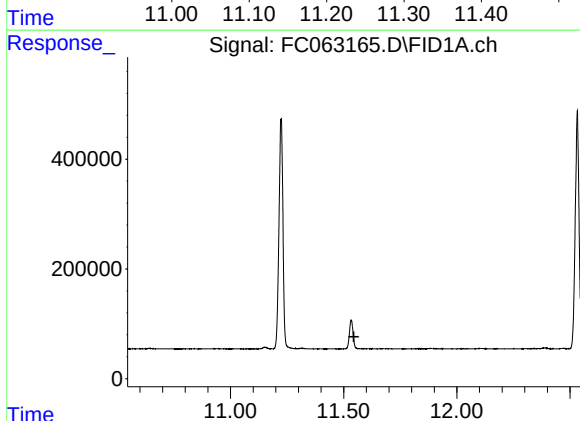
R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 4737198
Conc: 41.18 ug/ml

Instrument :
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EPH CARTRIDGES-3



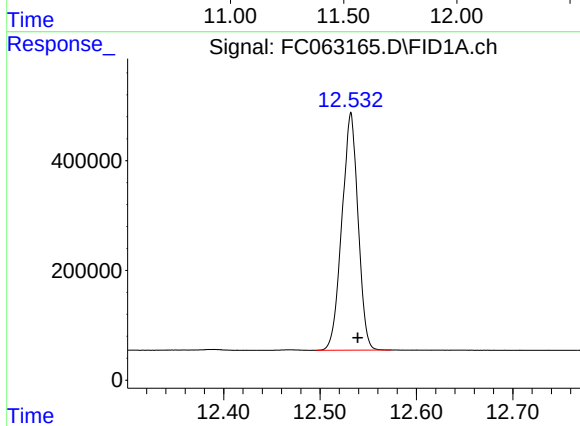
#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.008 min
Response: 5128145
Conc: 44.03 ug/ml



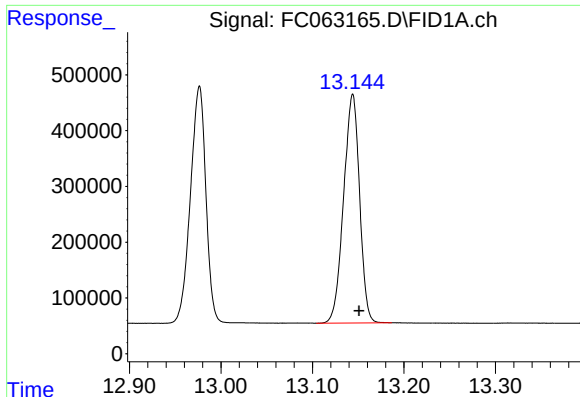
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

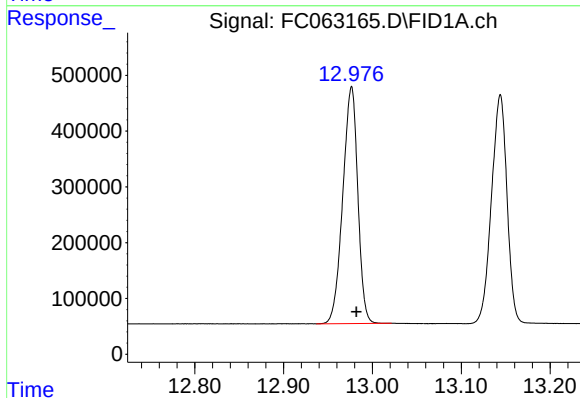
R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 5022137
Conc: 44.08 ug/ml



#11 n-Heneicosane (C21)

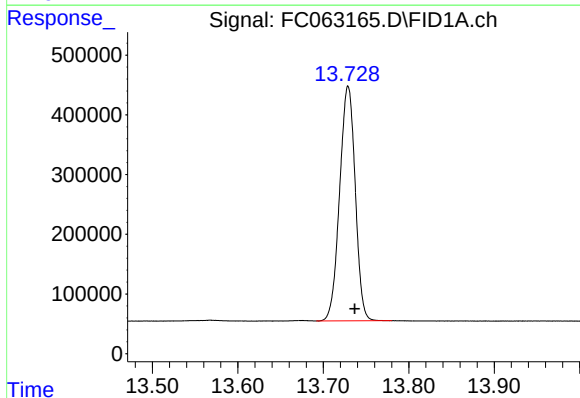
R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 4975189
Conc: 43.66 ug/ml

Instrument :
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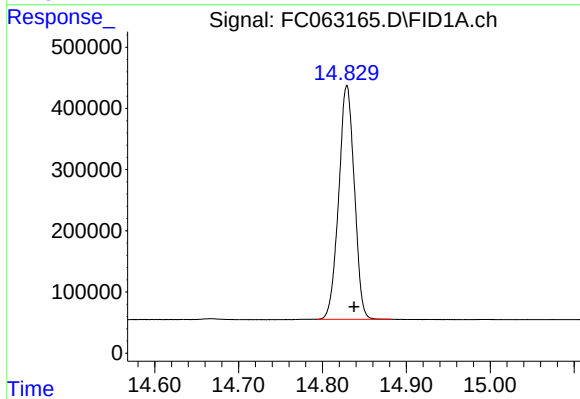
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.005 min
Response: 4989804
Conc: 51.15 ug/ml



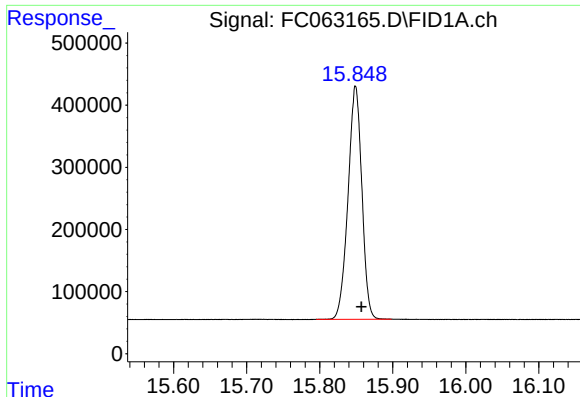
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 4989375
Conc: 44.24 ug/ml



#14 n-Tetracosane (C24)

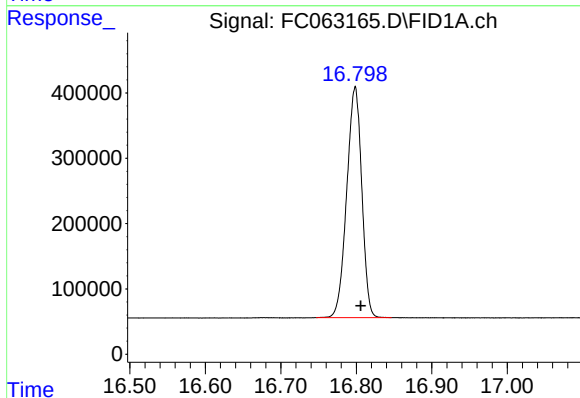
R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 4953048
Conc: 44.20 ug/ml



#15 n-Hexacosane (C26)

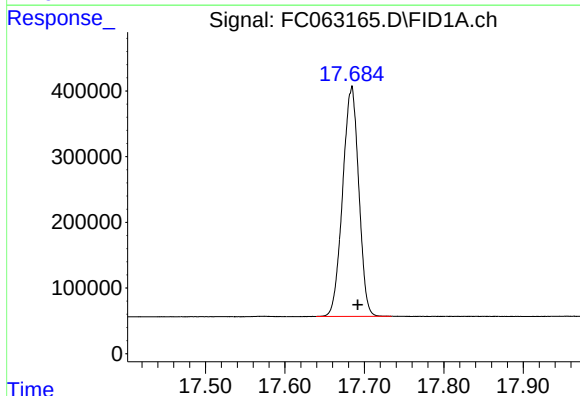
R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 4931705
Conc: 44.59 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-3



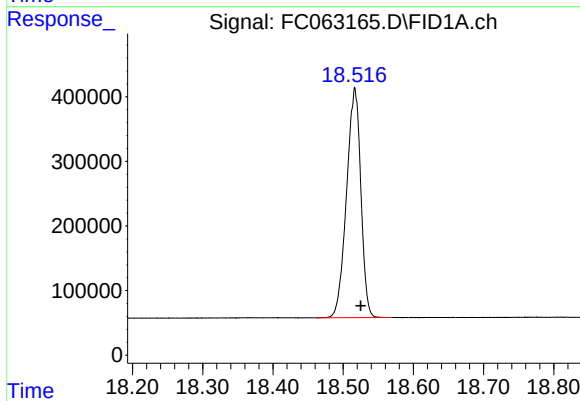
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 4888647
Conc: 44.43 ug/ml



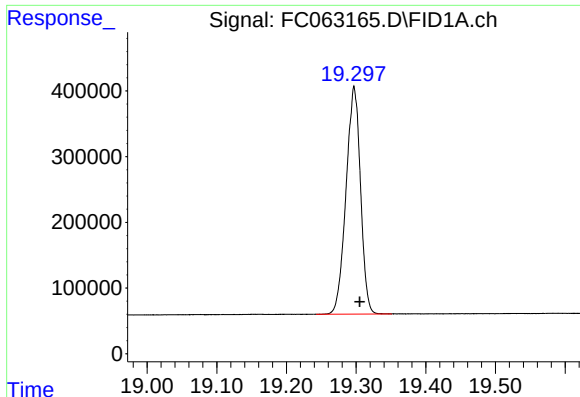
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 4926082
Conc: 44.73 ug/ml



#18 n-Dotriacontane (C32)

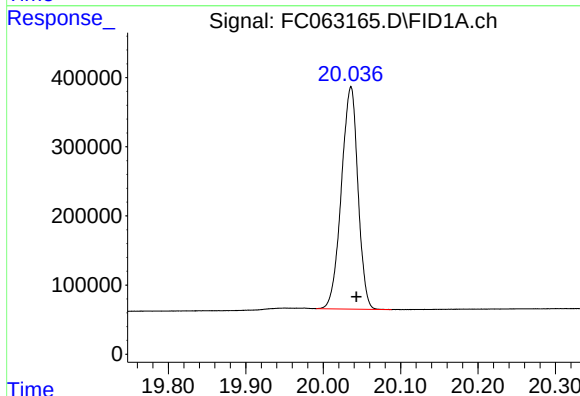
R.T.: 18.517 min
Delta R.T.: -0.008 min
Response: 5026000
Conc: 45.03 ug/ml



#19 n-Tetratriacontane (C34)

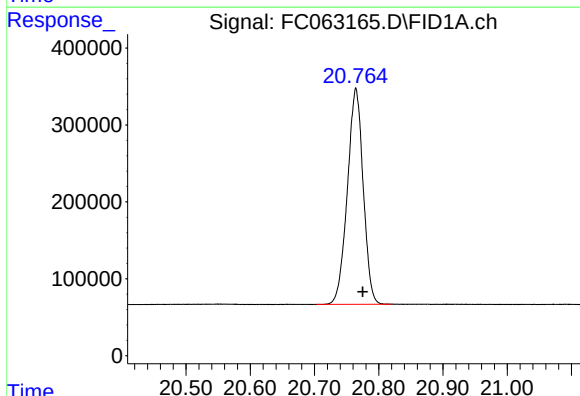
R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 4995411
Conc: 44.70 ug/ml

Instrument :
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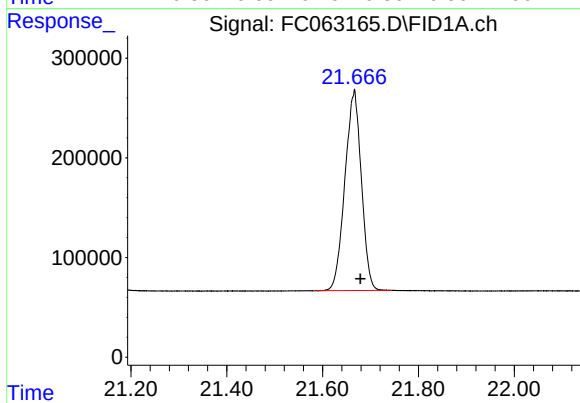
#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: -0.007 min
Response: 4785900
Conc: 44.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.011 min
Response: 4802419
Conc: 44.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.013 min
Response: 4808439
Conc: 44.20 ug/ml