

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060623AL\
 Data File : FC063761.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2023 08:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 15:28:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.537	3562159	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.972	2532594	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.312	3237528	20.313 ug/ml
2) T n-Decane (C10)	4.376	3284934	20.321 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3434715	19.771 ug/ml
4) T n-Dodecane (C12)	6.392	3274501	20.026 ug/ml
5) T A~2-methylnaphthalene...	7.015	3269584	19.958 ug/ml
6) T n-Tetradecane (C14)	8.185	3160902	20.098 ug/ml
7) T n-Hexadecane (C16)	9.783	3184653	20.012 ug/ml
8) T n-Octadecane (C18)	11.224	3134271	19.809 ug/ml
10) T n-Eicosane (C20)	12.529	2945105	19.914 ug/ml
11) T n-Heneicosane (C21)	13.140	2857441	19.851 ug/ml
13) T n-Docosane (C22)	13.724	2812930	19.968 ug/ml
14) T n-Tetracosane (C24)	14.824	2759210	20.108 ug/ml
15) T n-Hexacosane (C26)	15.843	2700134	20.364 ug/ml
16) T n-Octacosane (C28)	16.791	2665086	20.989 ug/ml
17) T n-Tricontane (C30)	17.677	2792419	21.856 ug/ml
18) T n-Dotriacontane (C32)	18.506	2787747	22.403 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2720959	22.068 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2633070	21.938 ug/ml
21) T n-Octatriacontane (C38)	20.753	2603858	21.567 ug/ml
22) T n-Tetracontane (C40)	21.647	2470681	20.390 ug/ml

(f)=RT Delta > 1/2 Window

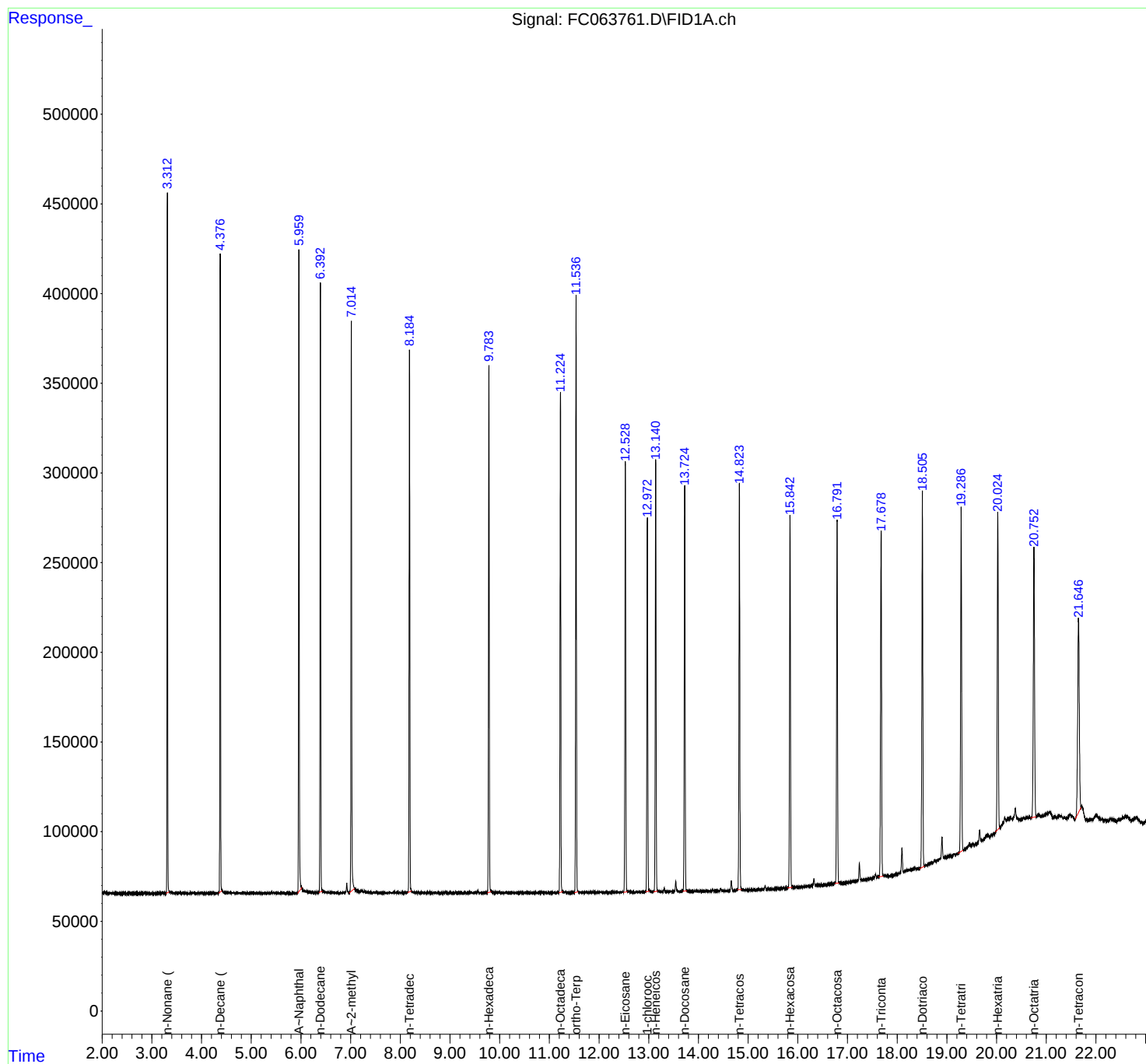
(m)=manual int.

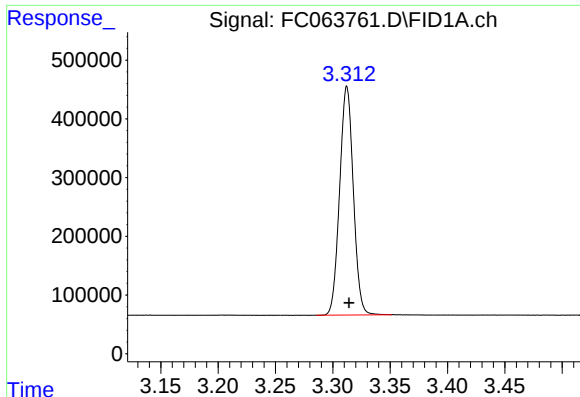
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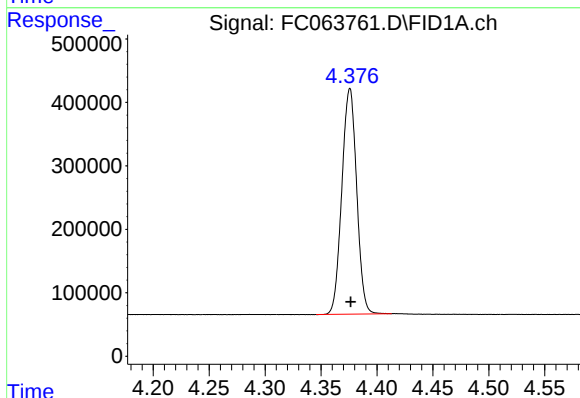




#1 n-Nonane (C9)

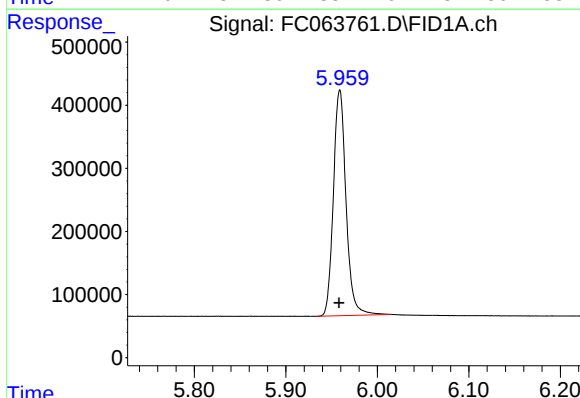
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 3237528
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :



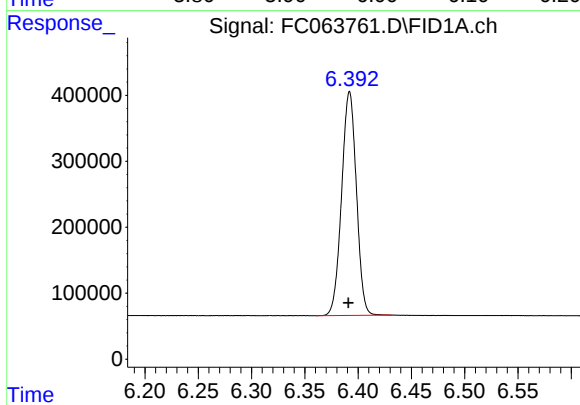
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3284934
Conc: 20.32 ug/ml



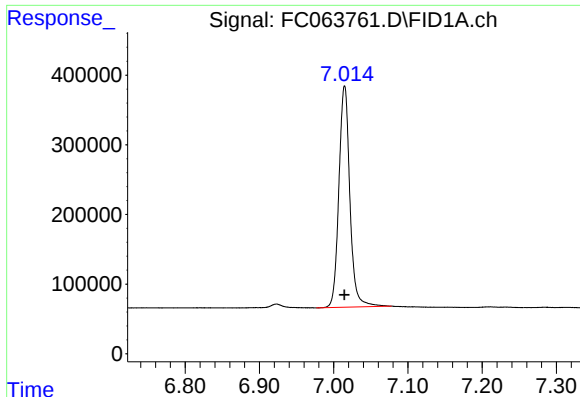
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 3434715
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

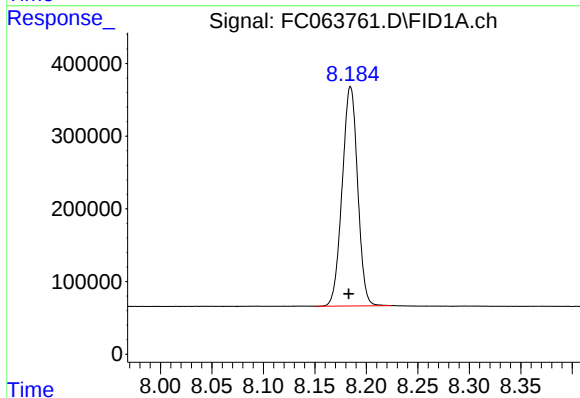
R.T.: 6.392 min
Delta R.T.: 0.001 min
Response: 3274501
Conc: 20.03 ug/ml



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

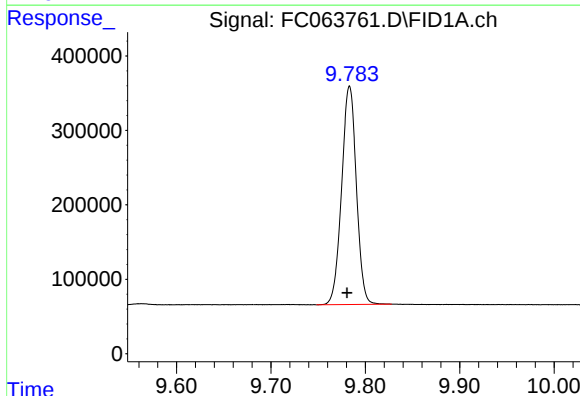
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 3269584
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :



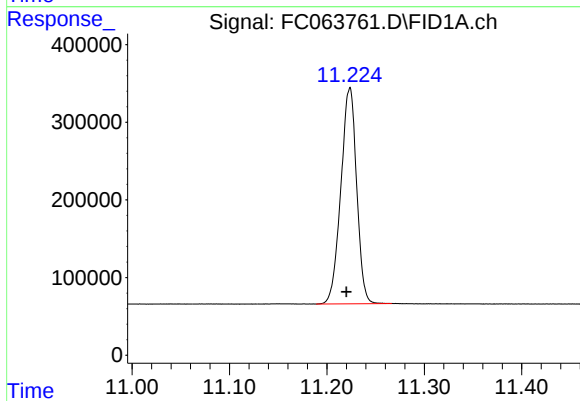
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.002 min
Response: 3160902
Conc: 20.10 ug/ml



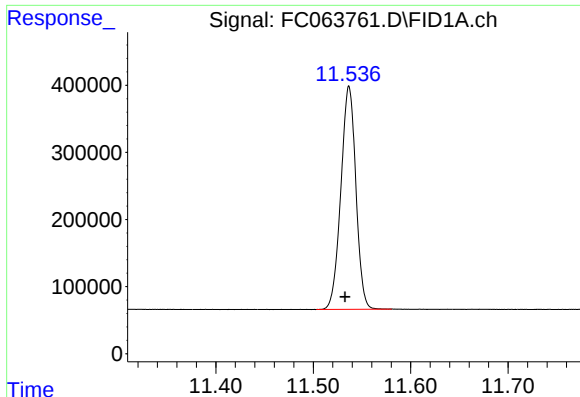
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.003 min
Response: 3184653
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

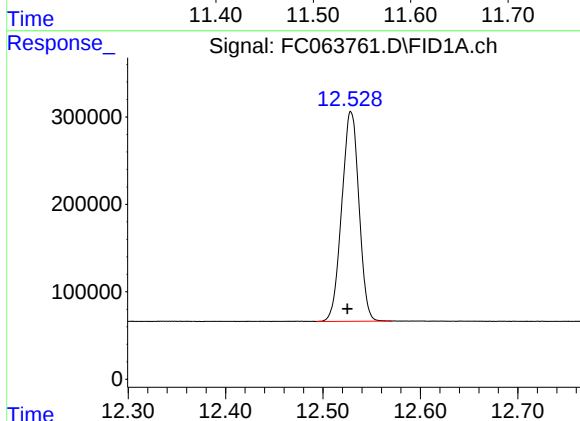
R.T.: 11.224 min
Delta R.T.: 0.004 min
Response: 3134271
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

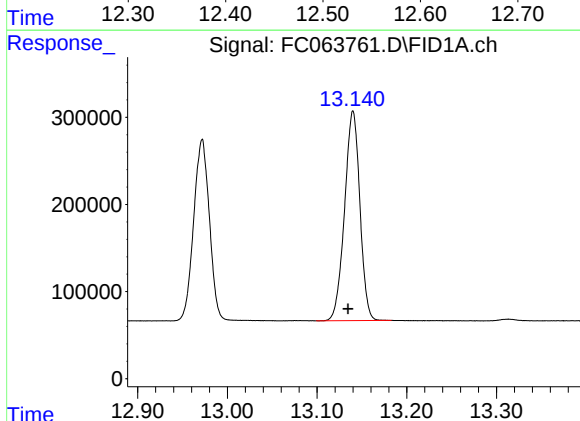
R.T.: 11.537 min
Delta R.T.: 0.004 min
Response: 3562159
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :



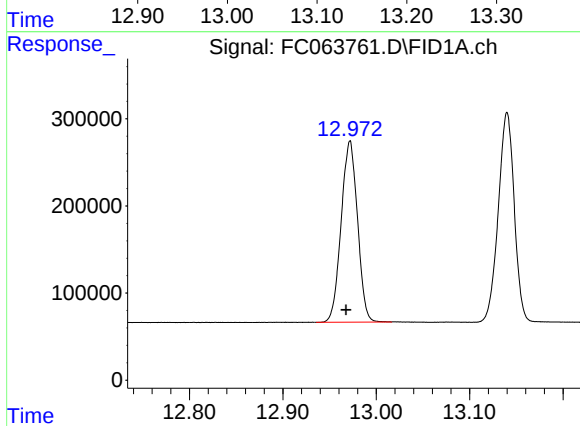
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.004 min
Response: 2945105
Conc: 19.91 ug/ml



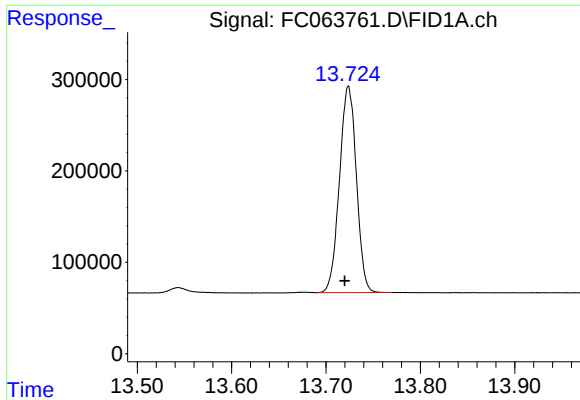
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.006 min
Response: 2857441
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

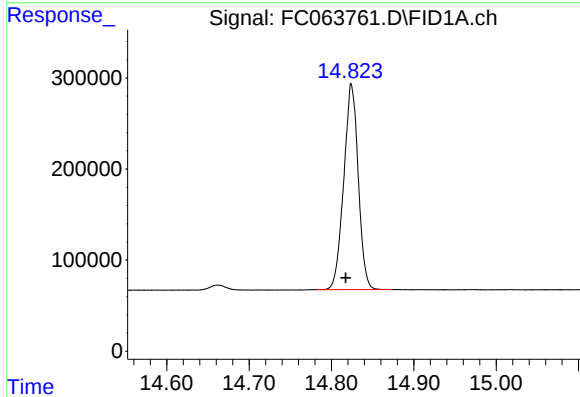
R.T.: 12.972 min
Delta R.T.: 0.004 min
Response: 2532594
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

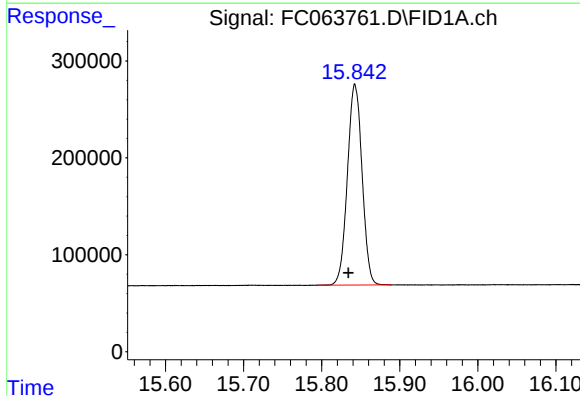
R.T.: 13.724 min
Delta R.T.: 0.004 min
Response: 2812930
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :



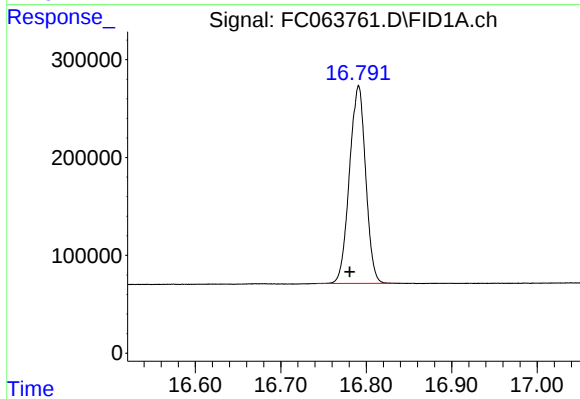
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.007 min
Response: 2759210
Conc: 20.11 ug/ml



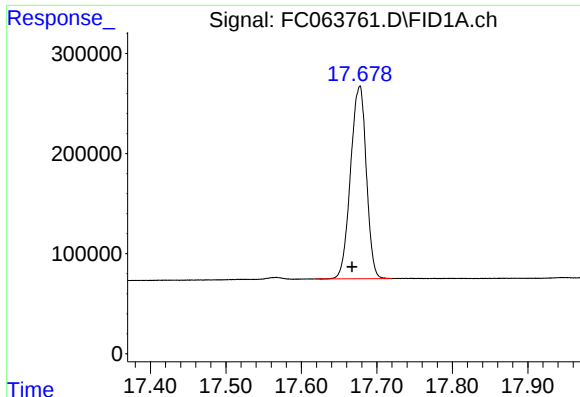
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.009 min
Response: 2700134
Conc: 20.36 ug/ml



#16 n-Octacosane (C28)

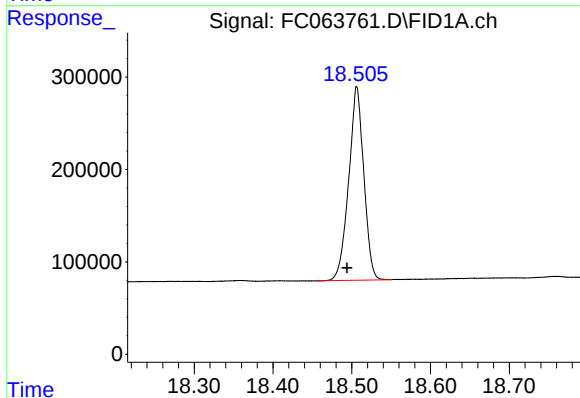
R.T.: 16.791 min
Delta R.T.: 0.010 min
Response: 2665086
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

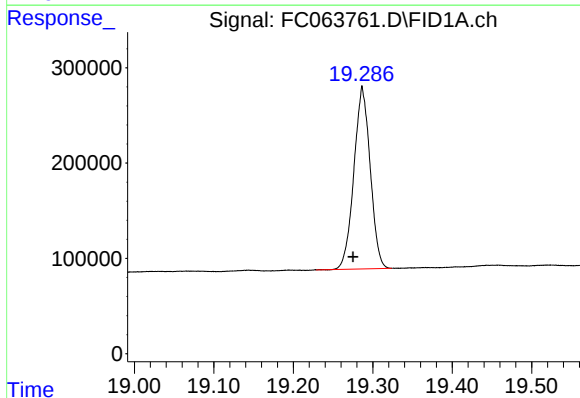
R.T.: 17.677 min
Delta R.T.: 0.010 min
Response: 2792419
Conc: 21.86 ug/ml

Instrument :
FID_C
ClientSampleId :



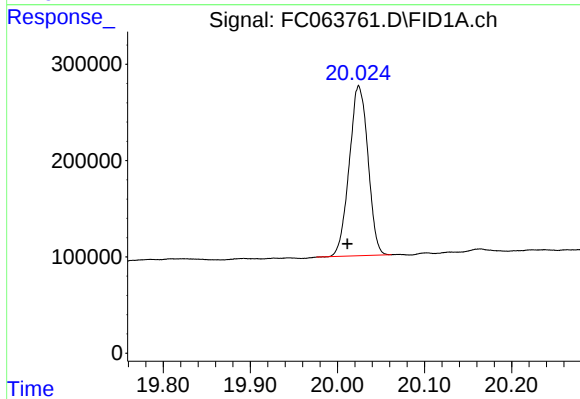
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.013 min
Response: 2787747
Conc: 22.40 ug/ml



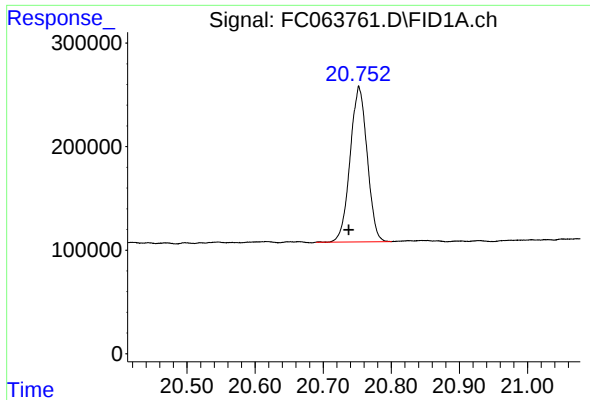
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.012 min
Response: 2720959
Conc: 22.07 ug/ml



#20 n-Hexatriacontane (C36)

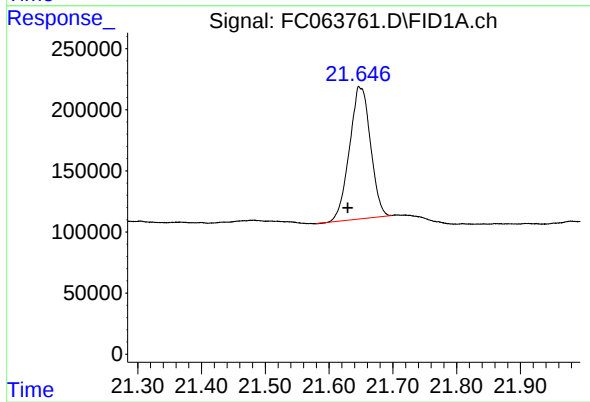
R.T.: 20.024 min
Delta R.T.: 0.013 min
Response: 2633070
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: 0.015 min
Response: 2603858
Conc: 21.57 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.018 min
Response: 2470681
Conc: 20.39 ug/ml