

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050423AL\
 Data File : FC063545.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 09:15
 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: May 05 02:09:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 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	3460776	21.868 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
12) S 1-chlorooctadecane (S...	12.964	2416350	22.374 ug/ml
Spiked Amount 50.000		Recovery =	44.75%
Target Compounds			
1) T n-Nonane (C9)	3.297	2914145	22.118 ug/ml
2) T n-Decane (C10)	4.363	2948210	22.220 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3074630	22.552 ug/ml
4) T n-Dodecane (C12)	6.382	2951226	22.271 ug/ml
5) T A~2-methylnaphthalene...	7.005	2928734	22.860 ug/ml
6) T n-Tetradecane (C14)	8.176	2890631	22.517 ug/ml
7) T n-Hexadecane (C16)	9.775	2977935	22.427 ug/ml
8) T n-Octadecane (C18)	11.214	3038760	22.317 ug/ml
10) T n-Eicosane (C20)	12.521	2918020	22.197 ug/ml
11) T n-Heneicosane (C21)	13.131	2860232	22.080 ug/ml
13) T n-Docosane (C22)	13.717	2841706	22.024 ug/ml
14) T n-Tetracosane (C24)	14.818	2926641	22.377 ug/ml
15) T n-Hexacosane (C26)	15.836	2846491	22.092 ug/ml
16) T n-Octacosane (C28)	16.783	2787846	21.901 ug/ml
17) T n-Tricontane (C30)	17.668	2834263	21.781 ug/ml
18) T n-Dotriacontane (C32)	18.498	2798484	21.718 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2742368	21.884 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2567112	21.680 ug/ml
21) T n-Octatriacontane (C38)	20.742	2328499	19.926 ug/ml
22) T n-Tetracontane (C40)	21.632	1845051	16.271 ug/ml

(f)=RT Delta > 1/2 Window

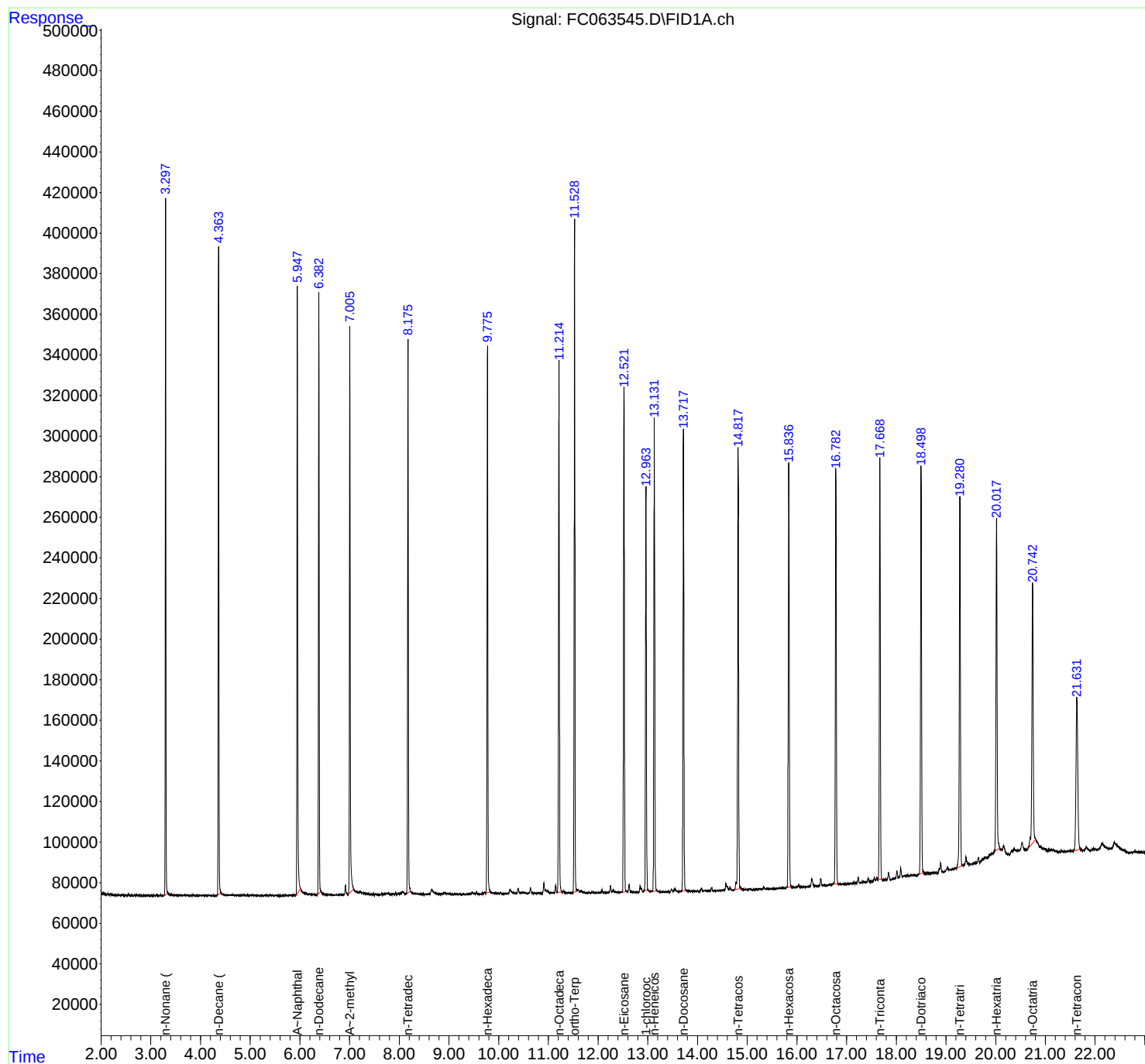
(m)=manual int.

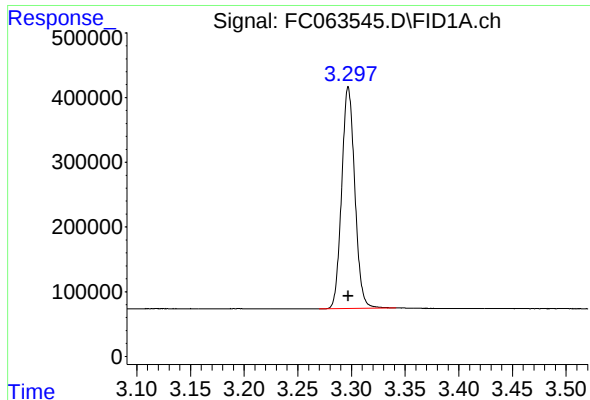
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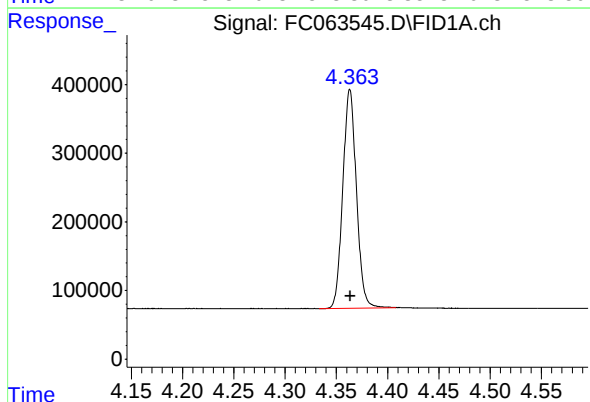




#1 n-Nonane (C9)

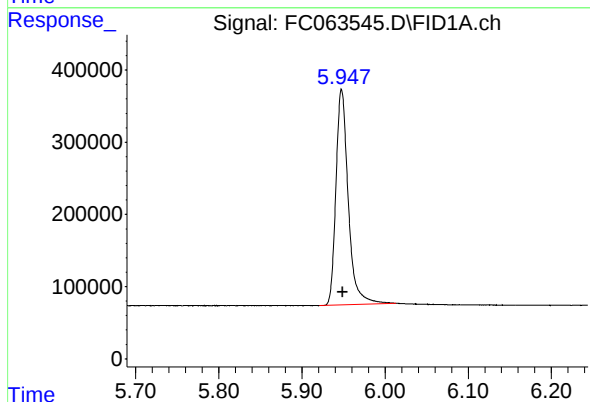
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2914145
Conc: 22.12 ug/ml

Instrument :
FID_C
ClientSampleId :



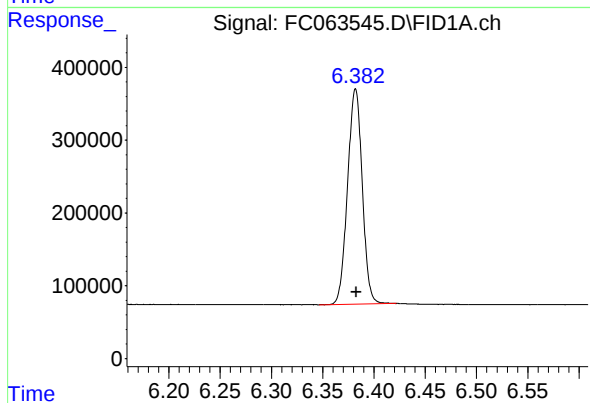
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2948210
Conc: 22.22 ug/ml



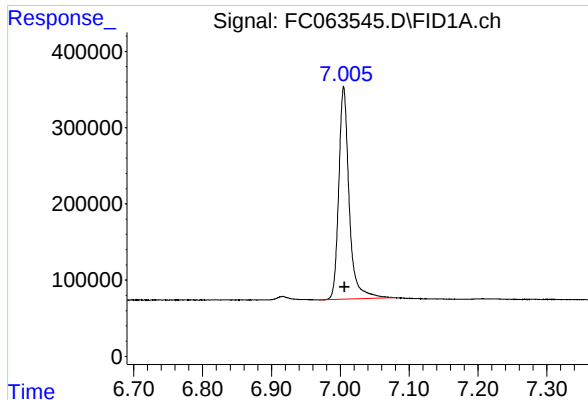
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 3074630
Conc: 22.55 ug/ml



#4 n-Dodecane (C12)

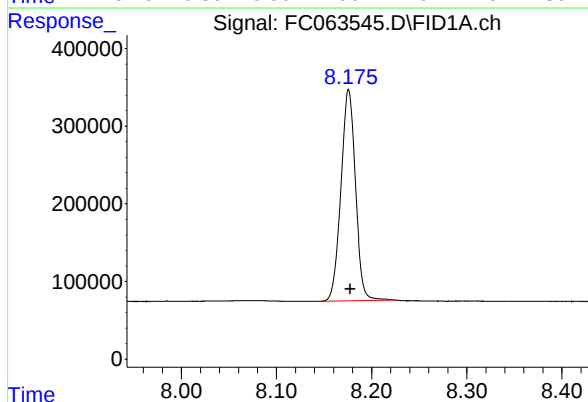
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2951226
Conc: 22.27 ug/ml



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

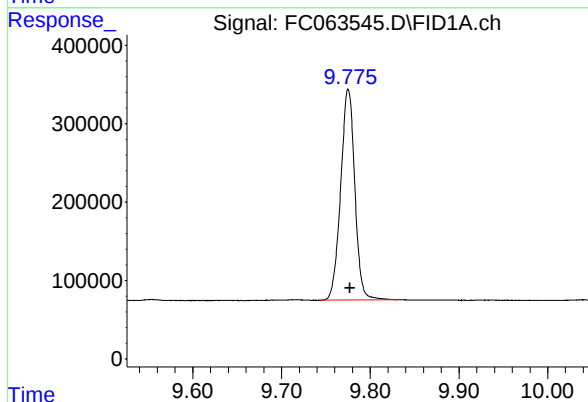
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 2928734
Conc: 22.86 ug/ml

Instrument :
FID_C
ClientSampleId :



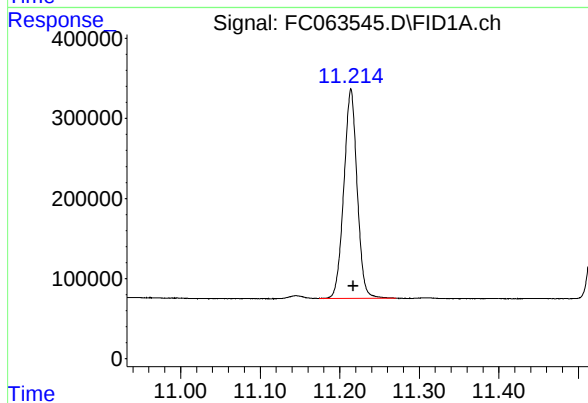
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2890631
Conc: 22.52 ug/ml



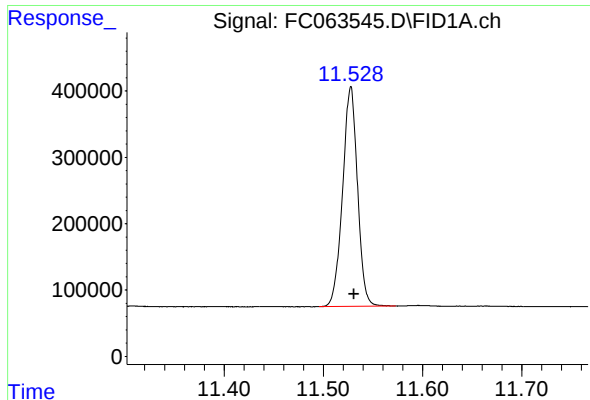
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 2977935
Conc: 22.43 ug/ml



#8 n-Octadecane (C18)

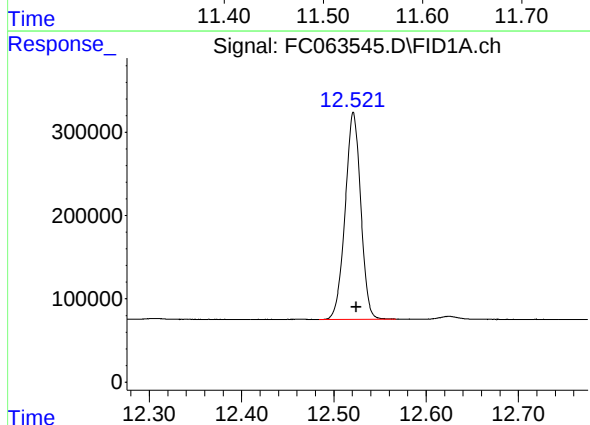
R.T.: 11.214 min
Delta R.T.: -0.003 min
Response: 3038760
Conc: 22.32 ug/ml



#9 ortho-Terphenyl (SURR)

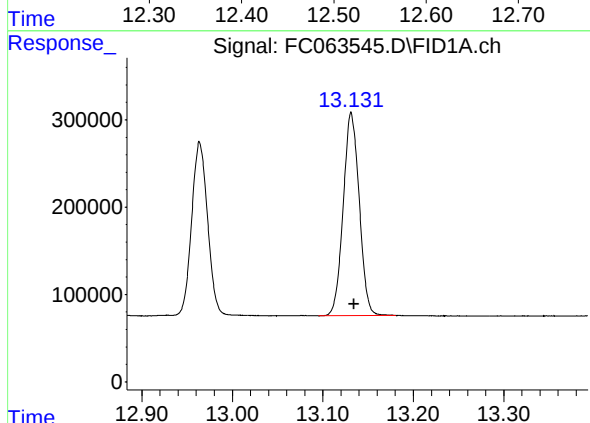
R.T.: 11.528 min
Delta R.T.: -0.003 min
Response: 3460776
Conc: 21.87 ug/ml

Instrument :
FID_C
ClientSampleId :



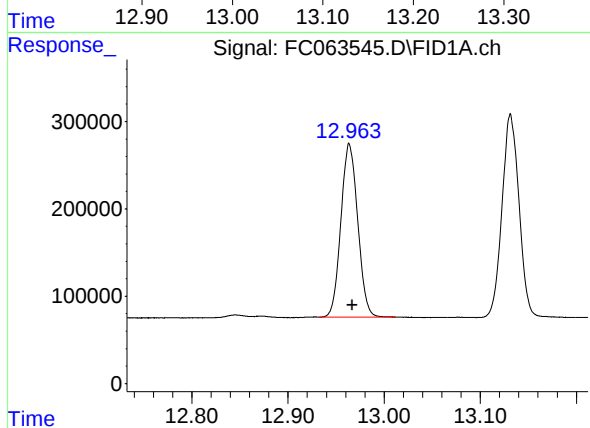
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.003 min
Response: 2918020
Conc: 22.20 ug/ml



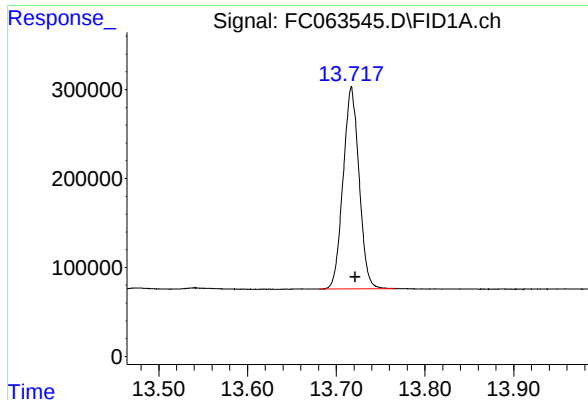
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.003 min
Response: 2860232
Conc: 22.08 ug/ml



#12 1-chlorooctadecane (SURR)

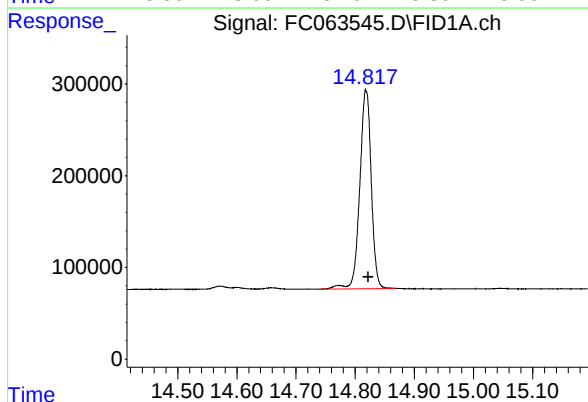
R.T.: 12.964 min
Delta R.T.: -0.003 min
Response: 2416350
Conc: 22.37 ug/ml



#13 n-Docosane (C22)

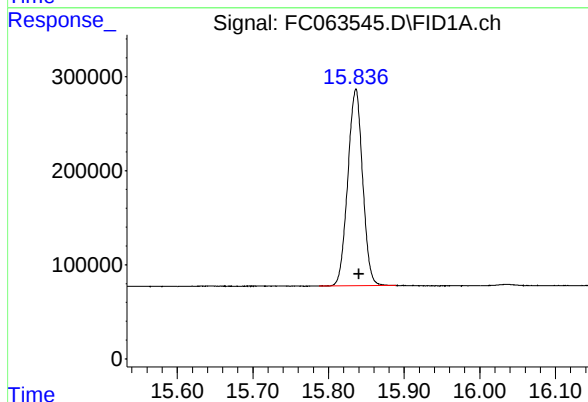
R.T.: 13.717 min
Delta R.T.: -0.004 min
Response: 2841706
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :



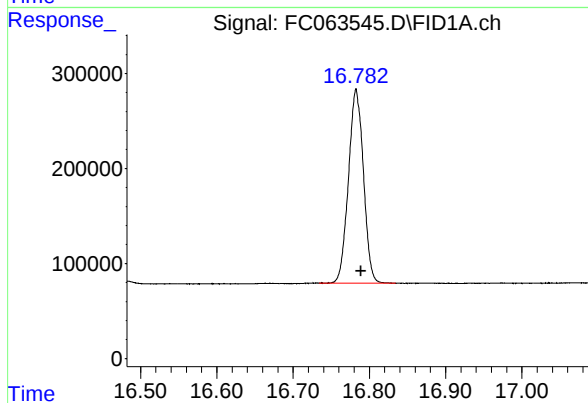
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.004 min
Response: 2926641
Conc: 22.38 ug/ml



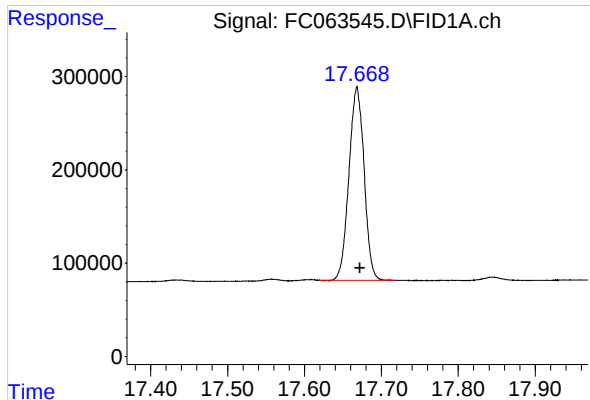
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.004 min
Response: 2846491
Conc: 22.09 ug/ml



#16 n-Octacosane (C28)

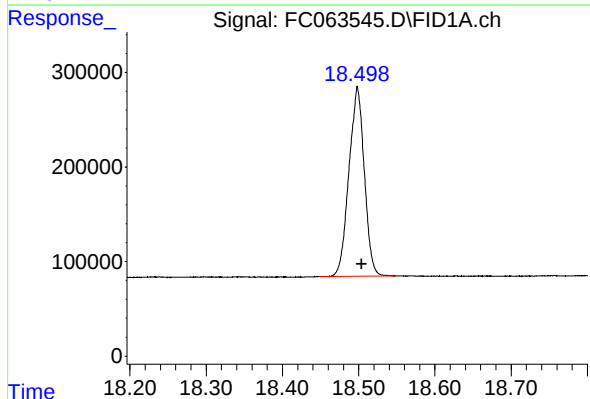
R.T.: 16.783 min
Delta R.T.: -0.006 min
Response: 2787846
Conc: 21.90 ug/ml



#17 n-Tricontane (C30)

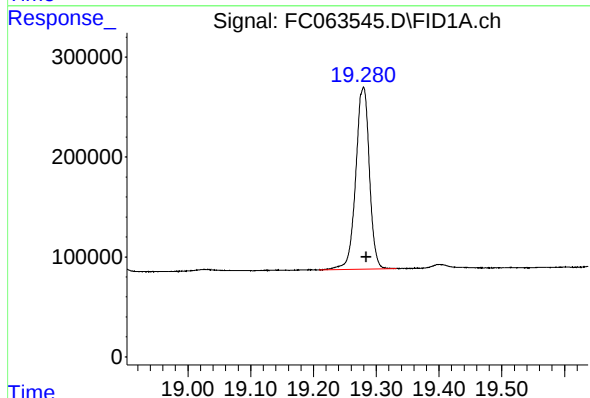
R.T.: 17.668 min
Delta R.T.: -0.004 min
Response: 2834263
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :



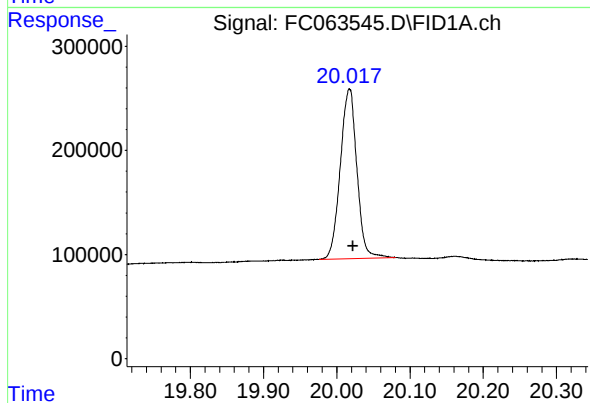
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.005 min
Response: 2798484
Conc: 21.72 ug/ml



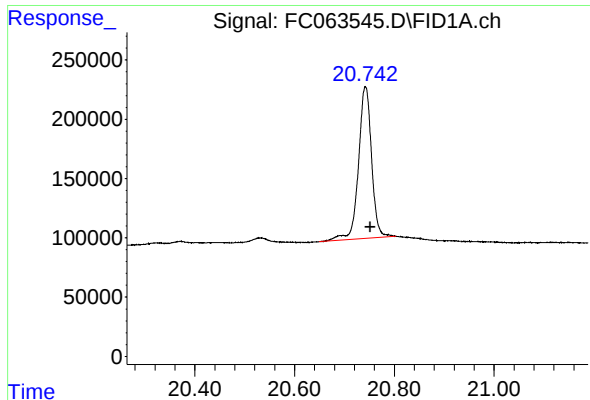
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.005 min
Response: 2742368
Conc: 21.88 ug/ml



#20 n-Hexatriacontane (C36)

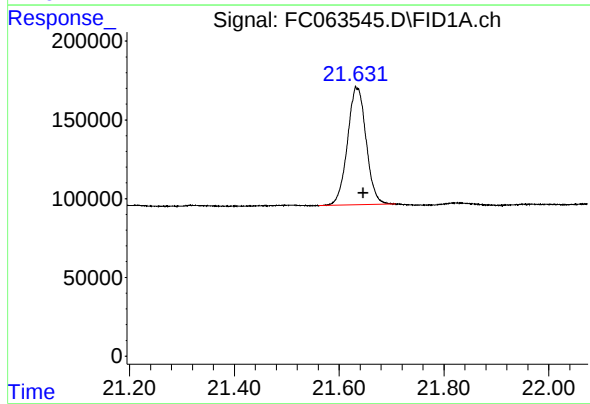
R.T.: 20.018 min
Delta R.T.: -0.005 min
Response: 2567112
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: -0.009 min
Response: 2328499
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: -0.014 min
Response: 1845051
Conc: 16.27 ug/ml