

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
 Data File : FC063963.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 15:13
 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 24 01:18:19 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)	11.525	3243595	17.775 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	12.960	2327773	18.218 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
Target Compounds			
1) T n-Nonane (C9)	3.305	2994627	18.789 ug/ml
2) T n-Decane (C10)	4.369	3053624	18.890 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3137980	18.063 ug/ml
4) T n-Dodecane (C12)	6.384	3008932	18.402 ug/ml
5) T A~2-methylnaphthalene...	7.007	2957635	18.054 ug/ml
6) T n-Tetradecane (C14)	8.176	2892286	18.390 ug/ml
7) T n-Hexadecane (C16)	9.774	2896659	18.202 ug/ml
8) T n-Octadecane (C18)	11.212	2865203	18.108 ug/ml
10) T n-Eicosane (C20)	12.519	2712370	18.340 ug/ml
11) T n-Heneicosane (C21)	13.129	2644477	18.372 ug/ml
13) T n-Docosane (C22)	13.713	2597324	18.437 ug/ml
14) T n-Tetracosane (C24)	14.812	2580431	18.805 ug/ml
15) T n-Hexacosane (C26)	15.831	2545954	19.201 ug/ml
16) T n-Octacosane (C28)	16.778	2573075	20.264 ug/ml
17) T n-Tricontane (C30)	17.662	2775963	21.727 ug/ml
18) T n-Dotriacontane (C32)	18.491	2831017	22.751 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2731476	22.153 ug/ml
20) T n-Hexatriacontane (C36)	20.010	2596570	21.634 ug/ml
21) T n-Octatriacontane (C38)	20.735	2550722	21.127 ug/ml
22) T n-Tetracontane (C40)	21.624	2468898	20.375 ug/ml

(f)=RT Delta > 1/2 Window

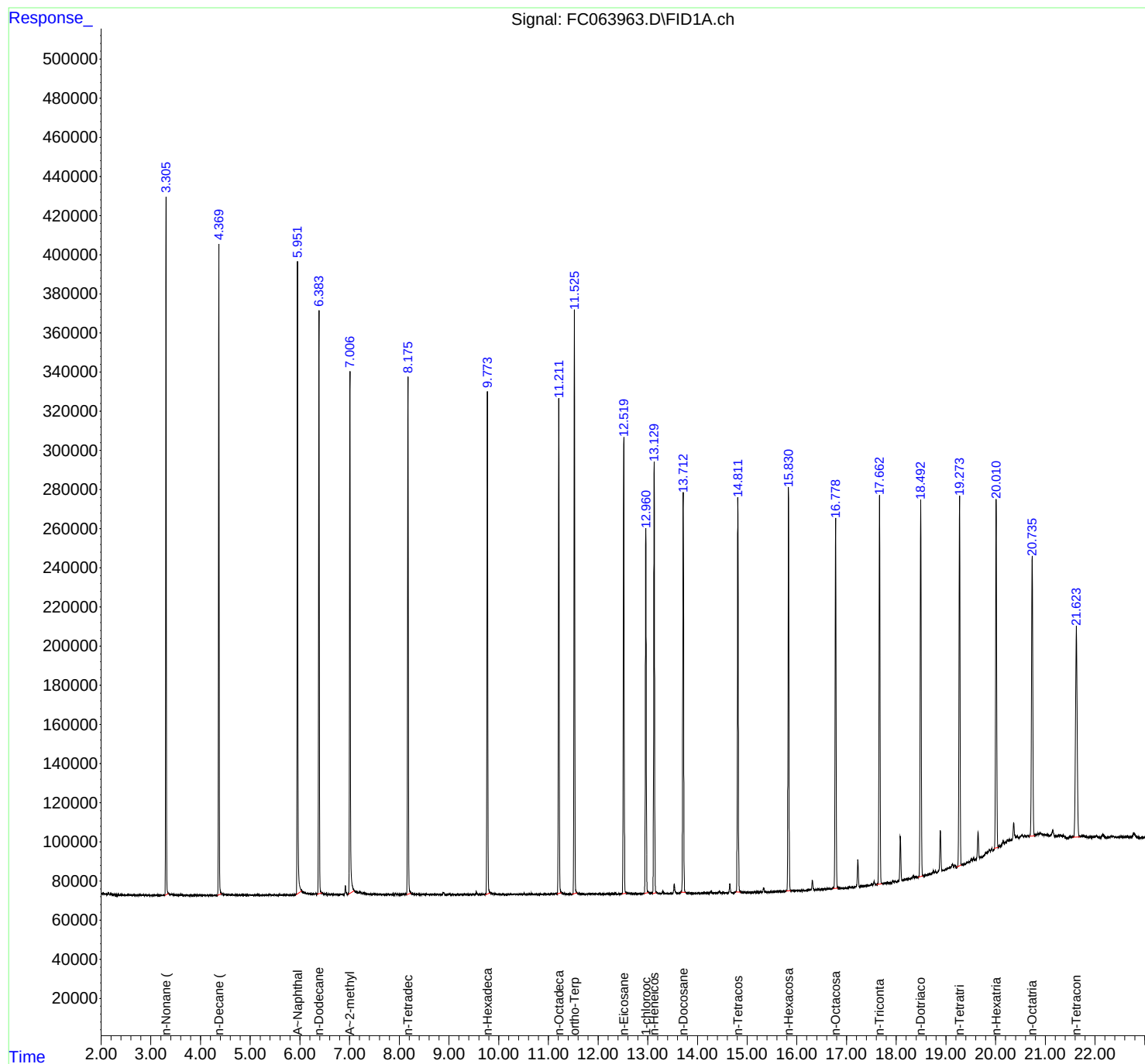
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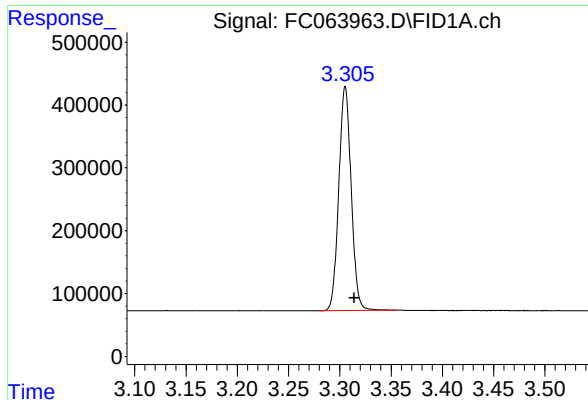
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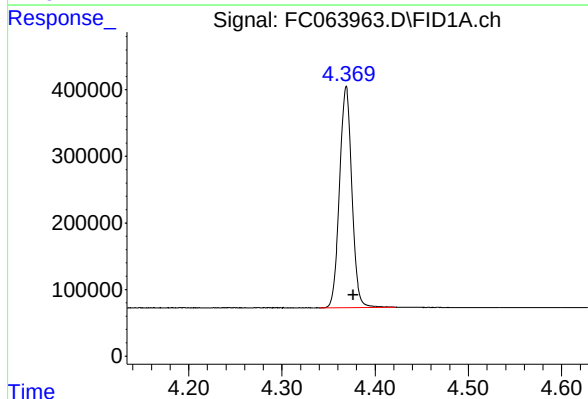
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.009 min
Response: 2994627
Conc: 18.79 ug/ml

Instrument :

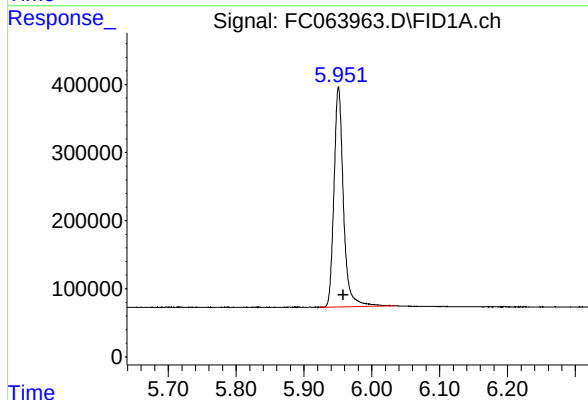
FID_C

ClientSampleId :



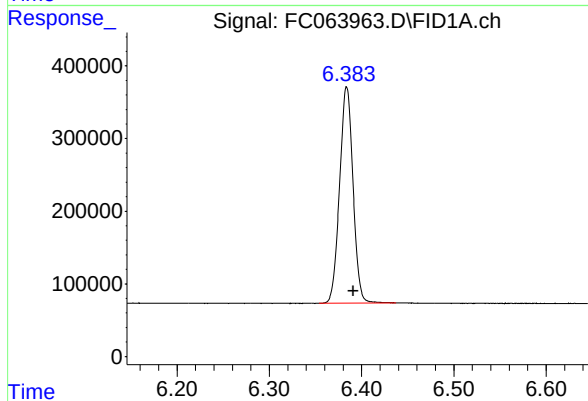
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.007 min
Response: 3053624
Conc: 18.89 ug/ml



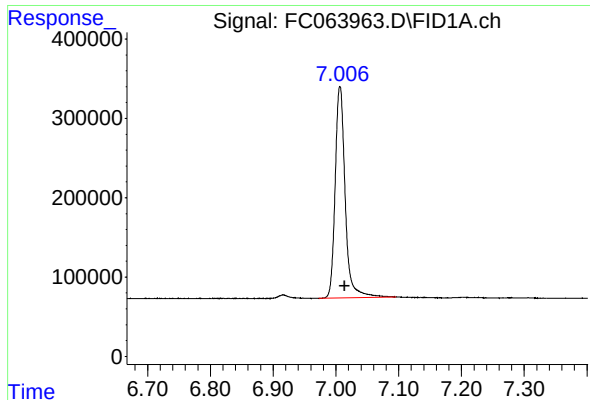
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3137980
Conc: 18.06 ug/ml



#4 n-Dodecane (C12)

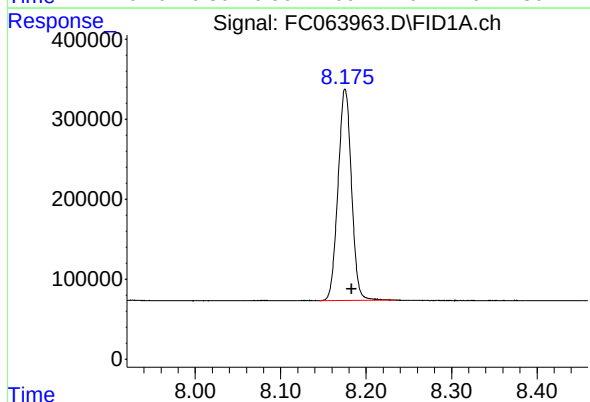
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3008932
Conc: 18.40 ug/ml



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

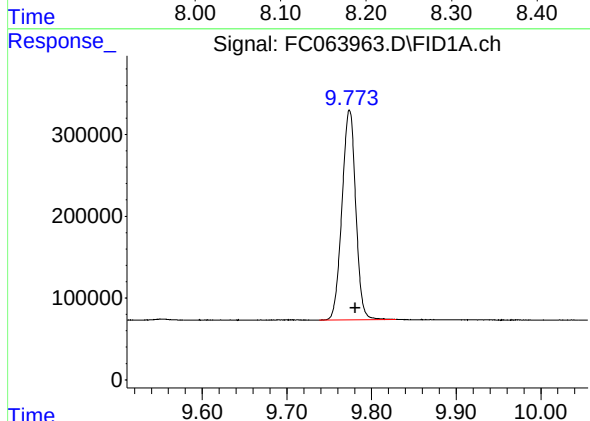
R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 2957635
Conc: 18.05 ug/ml

Instrument :
FID_C
ClientSampleId :



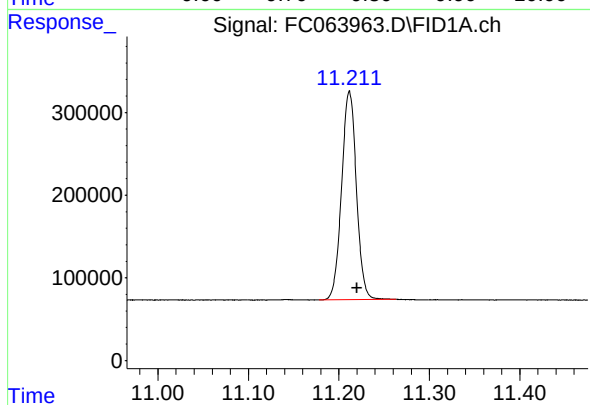
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 2892286
Conc: 18.39 ug/ml



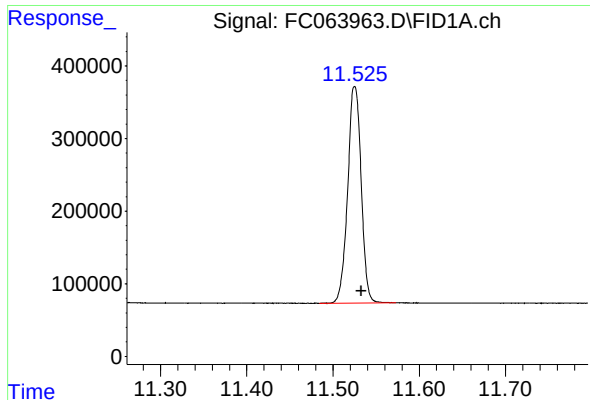
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.007 min
Response: 2896659
Conc: 18.20 ug/ml



#8 n-Octadecane (C18)

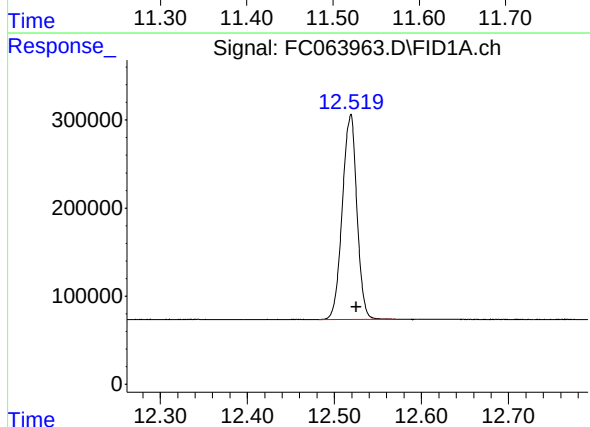
R.T.: 11.212 min
Delta R.T.: -0.008 min
Response: 2865203
Conc: 18.11 ug/ml



#9 ortho-Terphenyl (SURR)

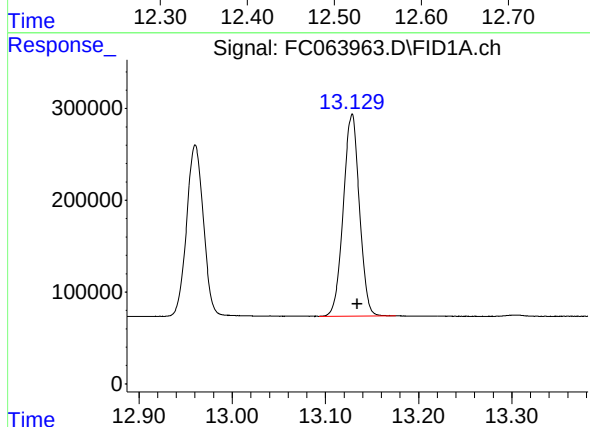
R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 3243595
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :



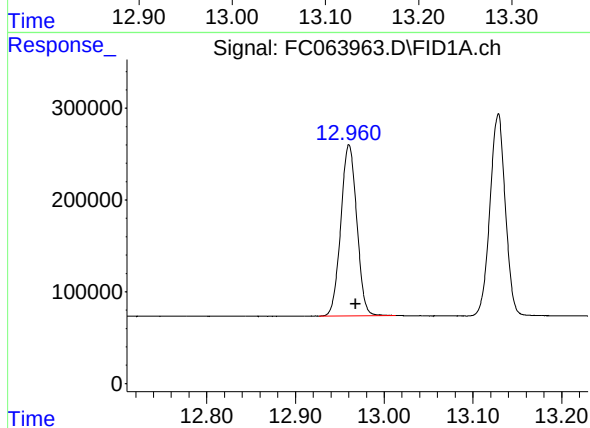
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 2712370
Conc: 18.34 ug/ml



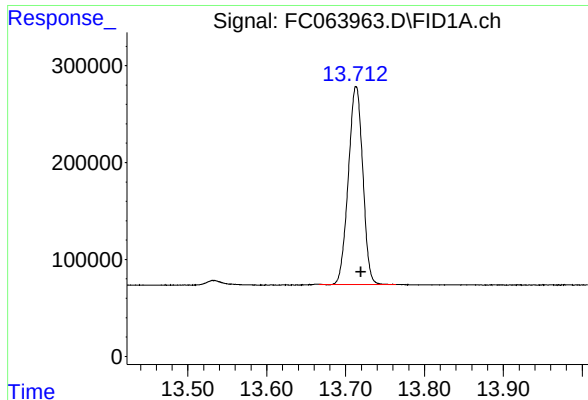
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.006 min
Response: 2644477
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

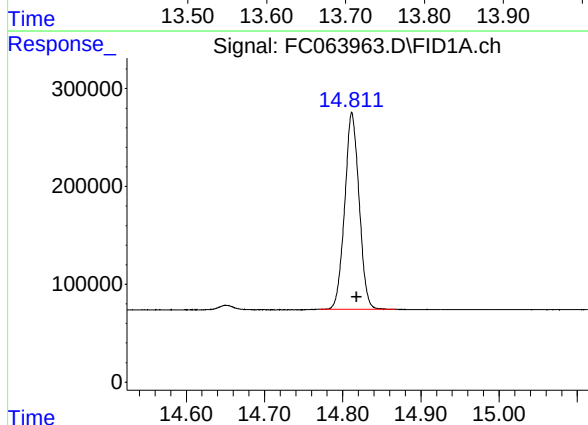
R.T.: 12.960 min
Delta R.T.: -0.007 min
Response: 2327773
Conc: 18.22 ug/ml



#13 n-Docosane (C22)

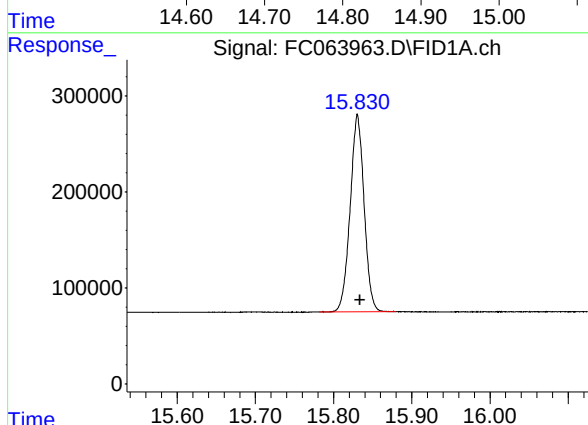
R.T.: 13.713 min
Delta R.T.: -0.006 min
Response: 2597324
Conc: 18.44 ug/ml

Instrument :
FID_C
ClientSampleId :



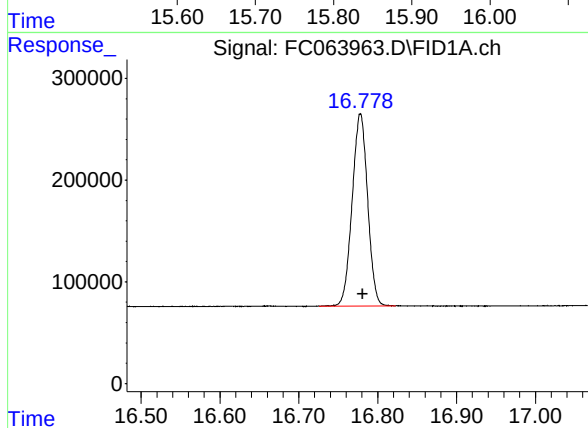
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 2580431
Conc: 18.81 ug/ml



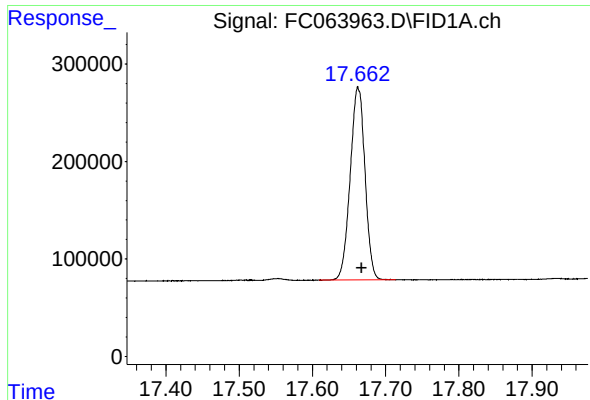
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.003 min
Response: 2545954
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

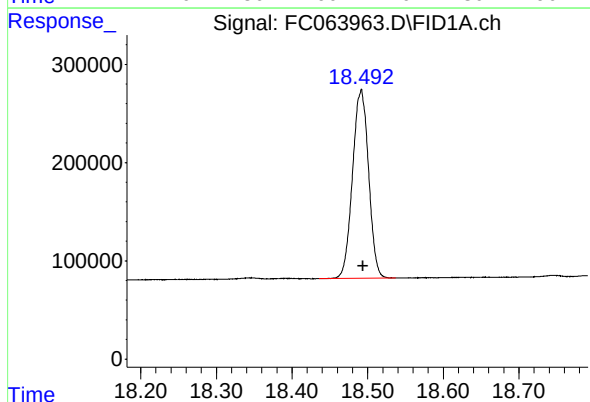
R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 2573075
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

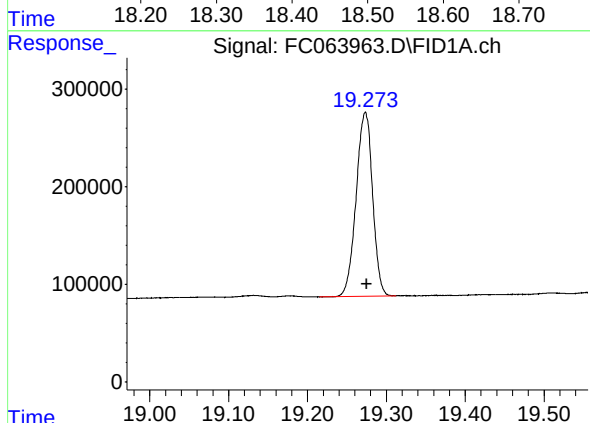
R.T.: 17.662 min
Delta R.T.: -0.005 min
Response: 2775963
Conc: 21.73 ug/ml

Instrument :
FID_C
ClientSampleId :



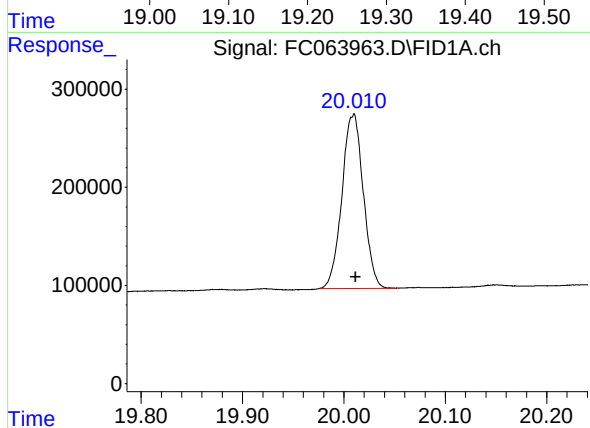
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.002 min
Response: 2831017
Conc: 22.75 ug/ml



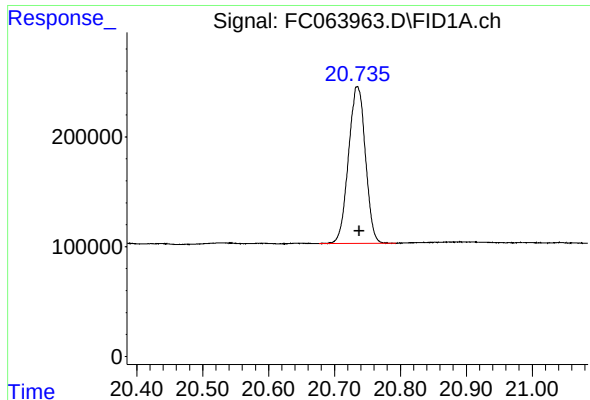
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2731476
Conc: 22.15 ug/ml



#20 n-Hexatriacontane (C36)

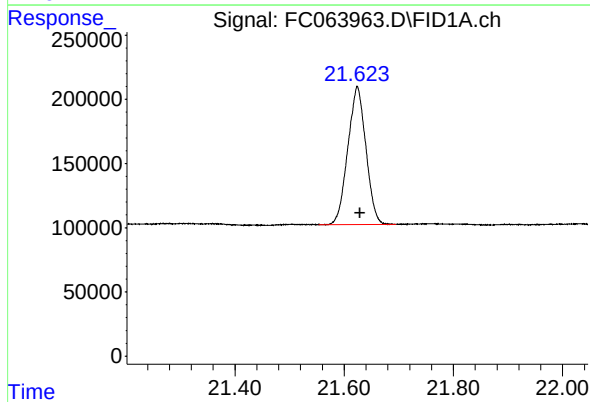
R.T.: 20.010 min
Delta R.T.: -0.002 min
Response: 2596570
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 2550722
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.005 min
Response: 2468898
Conc: 20.38 ug/ml