

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032123AL\
 Data File : FC063202.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2023 23:28
 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: Mar 22 01:31:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.531	2788345	21.298 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	12.968	2131762	22.093 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
Target Compounds			
1) T n-Nonane (C9)	3.295	2512159	20.768 ug/ml
2) T n-Decane (C10)	4.362	2499603	21.243 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2768543	21.501 ug/ml
4) T n-Dodecane (C12)	6.381	2490978	21.199 ug/ml
5) T A~2-methylnaphthalene...	7.003	2577188	21.911 ug/ml
6) T n-Tetradecane (C14)	8.176	2443110	21.221 ug/ml
7) T n-Hexadecane (C16)	9.776	2501091	21.468 ug/ml
8) T n-Octadecane (C18)	11.217	2548203	21.554 ug/ml
10) T n-Eicosane (C20)	12.525	2481655	21.543 ug/ml
11) T n-Heneicosane (C21)	13.137	2483723	21.549 ug/ml
13) T n-Docosane (C22)	13.722	2458032	21.586 ug/ml
14) T n-Tetracosane (C24)	14.823	2453842	21.583 ug/ml
15) T n-Hexacosane (C26)	15.842	2436449	21.650 ug/ml
16) T n-Octacosane (C28)	16.790	2476222	22.003 ug/ml
17) T n-Tricontane (C30)	17.675	2600462	22.863 ug/ml
18) T n-Dotriacontane (C32)	18.505	2685981	23.215 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2624400	22.832 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2450381	22.425 ug/ml
21) T n-Octatriacontane (C38)	20.750	2469519	22.855 ug/ml
22) T n-Tetracontane (C40)	21.649	2473433	23.357 ug/ml

(f)=RT Delta > 1/2 Window

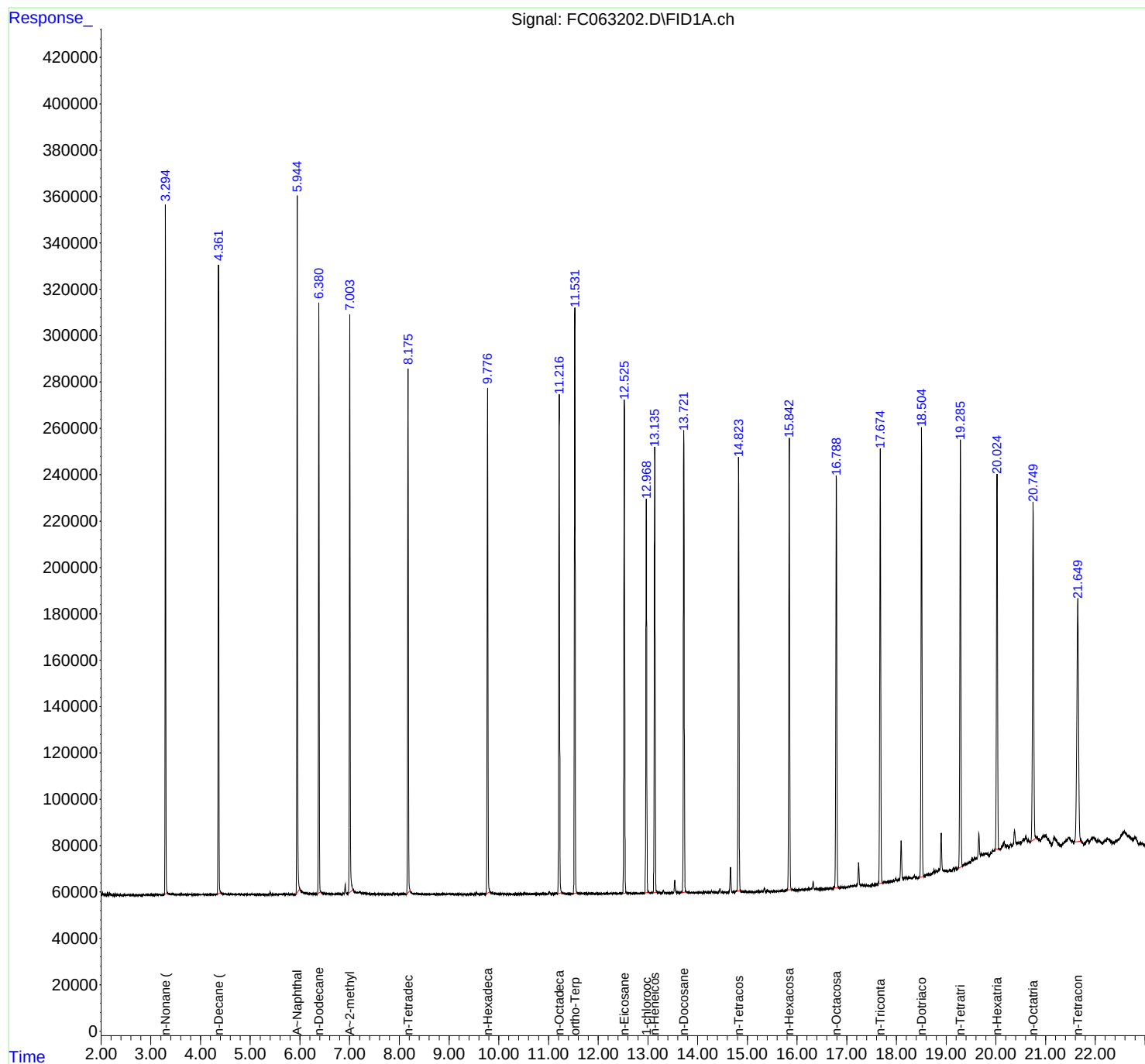
(m)=manual int.

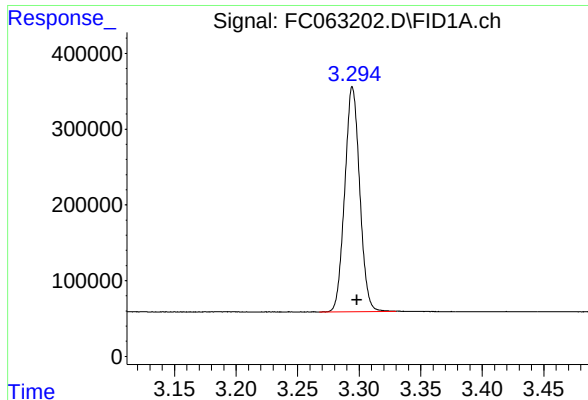
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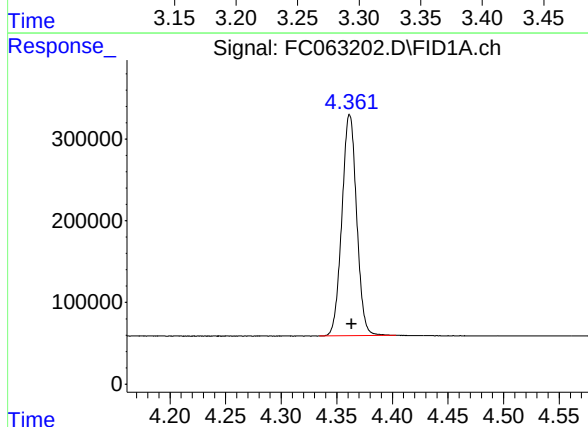




#1 n-Nonane (C9)

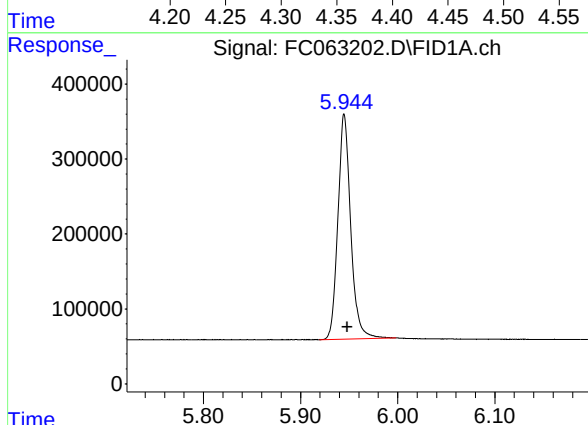
R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 2512159
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



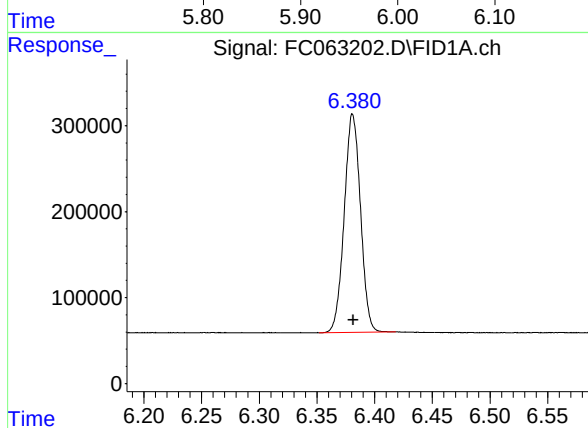
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 2499603
Conc: 21.24 ug/ml



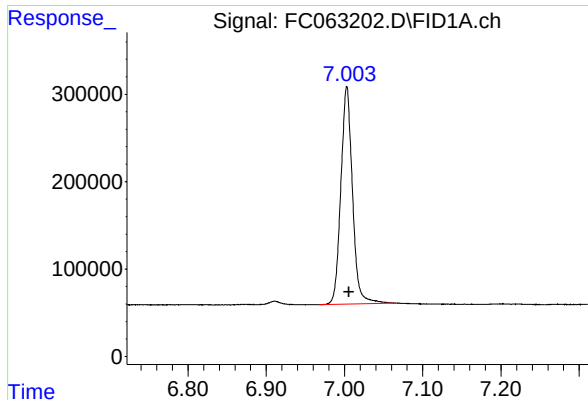
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 2768543
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

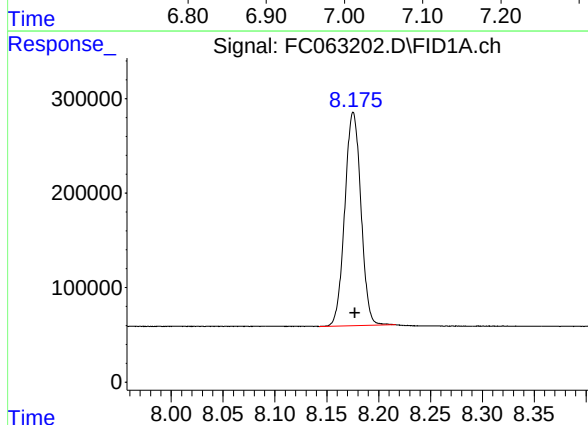
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2490978
Conc: 21.20 ug/ml



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

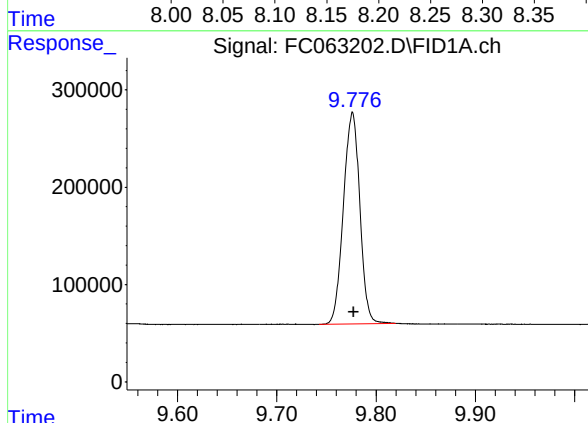
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 2577188
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :



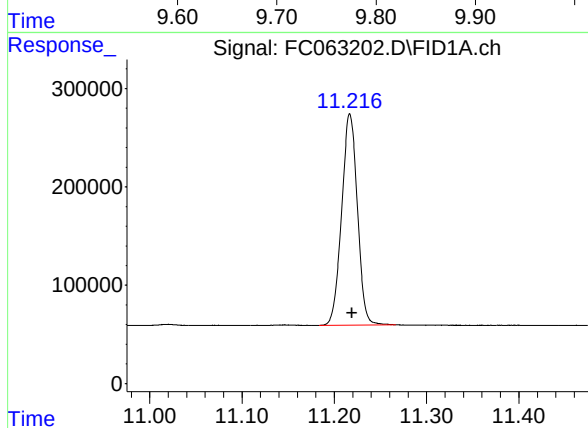
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2443110
Conc: 21.22 ug/ml



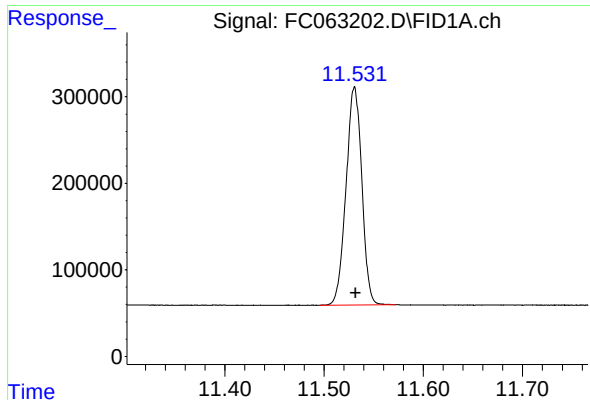
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.001 min
Response: 2501091
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

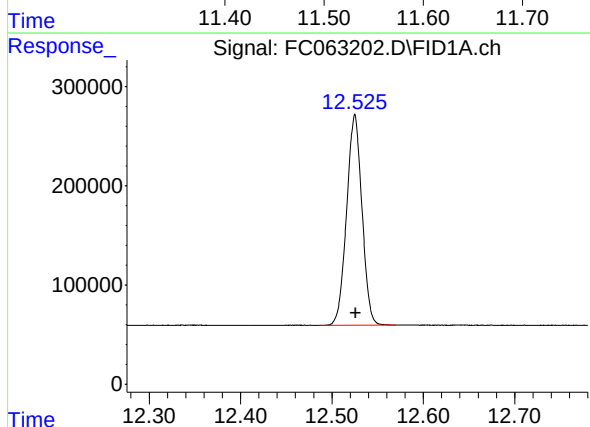
R.T.: 11.217 min
Delta R.T.: -0.002 min
Response: 2548203
Conc: 21.55 ug/ml



#9 ortho-Terphenyl (SURR)

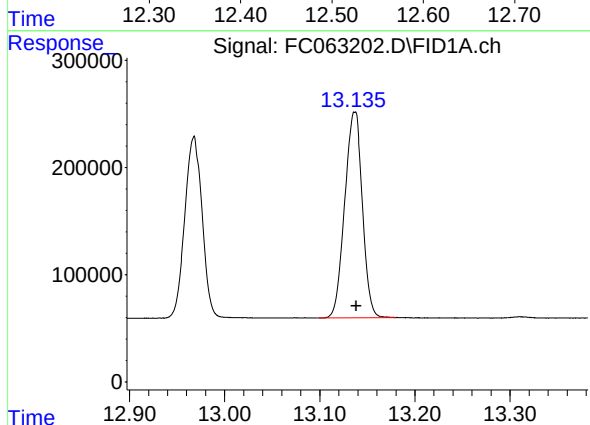
R.T.: 11.531 min
Delta R.T.: -0.001 min
Response: 2788345
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :



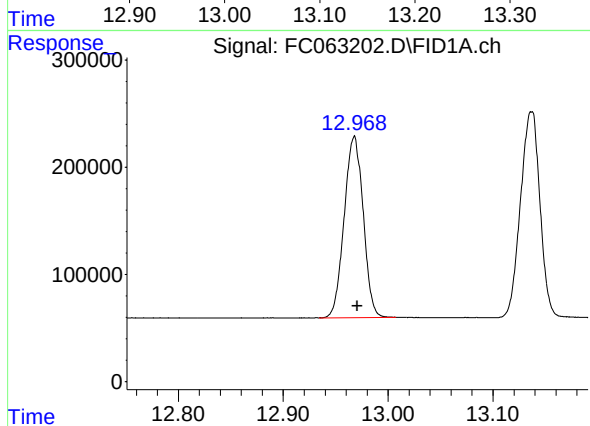
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2481655
Conc: 21.54 ug/ml



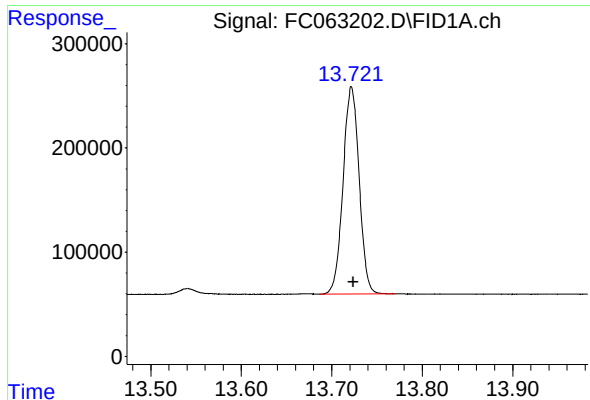
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.001 min
Response: 2483723
Conc: 21.55 ug/ml



#12 1-chlorooctadecane (SURR)

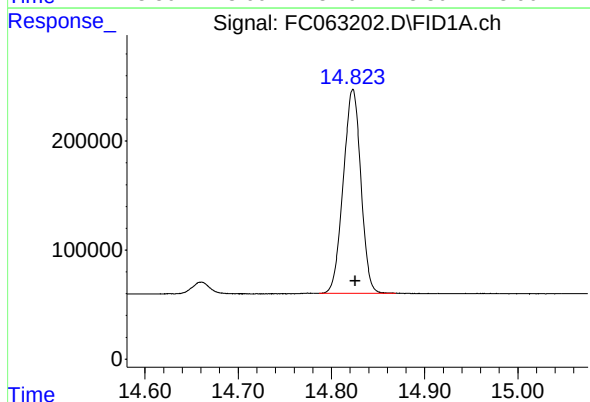
R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 2131762
Conc: 22.09 ug/ml



#13 n-Docosane (C22)

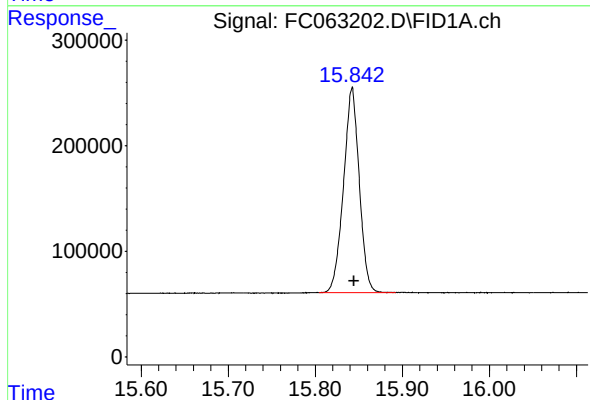
R.T.: 13.722 min
Delta R.T.: -0.002 min
Response: 2458032
Conc: 21.59 ug/ml

Instrument :
FID_C
ClientSampleId :



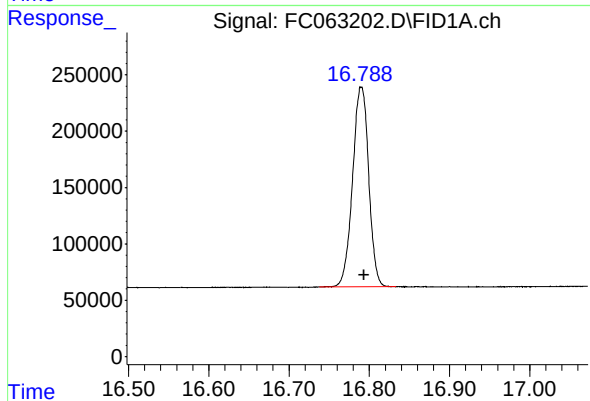
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.003 min
Response: 2453842
Conc: 21.58 ug/ml



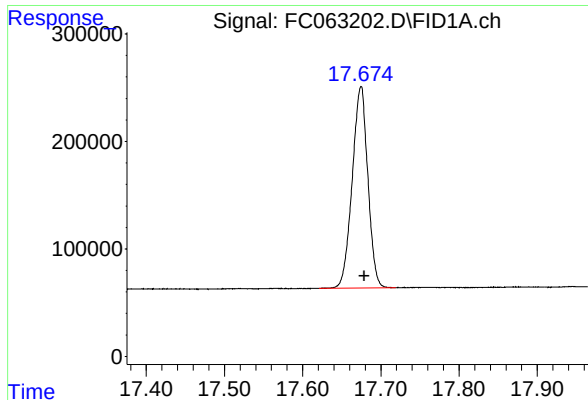
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.002 min
Response: 2436449
Conc: 21.65 ug/ml



#16 n-Octacosane (C28)

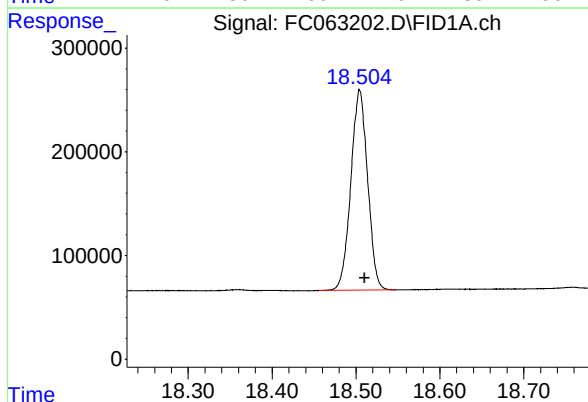
R.T.: 16.790 min
Delta R.T.: -0.003 min
Response: 2476222
Conc: 22.00 ug/ml



#17 n-Tricontane (C30)

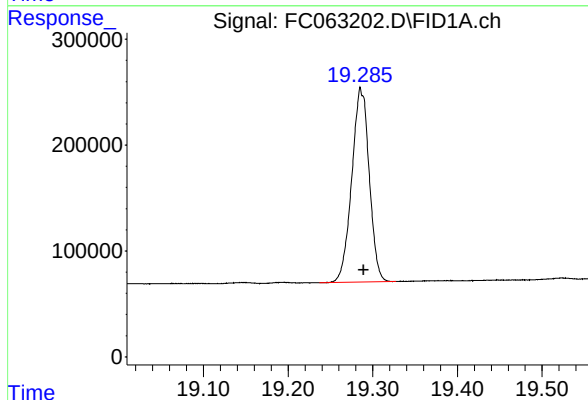
R.T.: 17.675 min
Delta R.T.: -0.004 min
Response: 2600462
Conc: 22.86 ug/ml

Instrument :
FID_C
ClientSampleId :



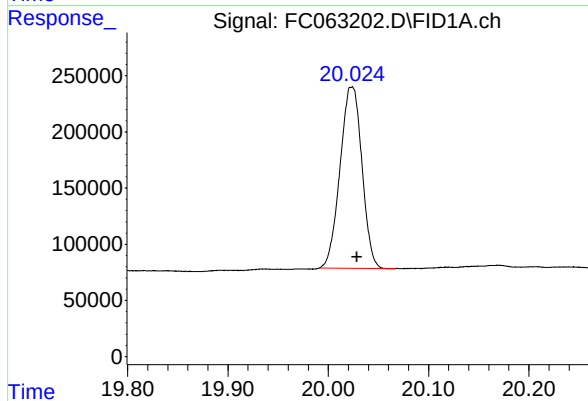
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.006 min
Response: 2685981
Conc: 23.22 ug/ml



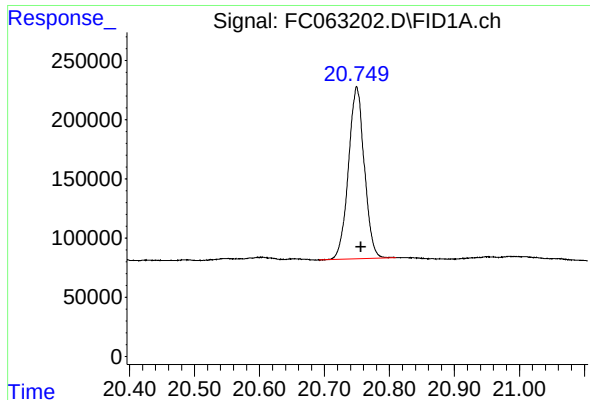
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.003 min
Response: 2624400
Conc: 22.83 ug/ml



#20 n-Hexatriacontane (C36)

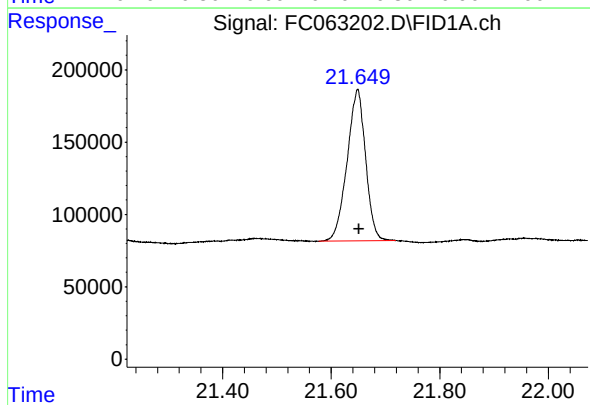
R.T.: 20.023 min
Delta R.T.: -0.005 min
Response: 2450381
Conc: 22.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.006 min
Response: 2469519
Conc: 22.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.649 min
Delta R.T.: -0.003 min
Response: 2473433
Conc: 23.36 ug/ml