

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032423AL\
 Data File : FC063230.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 12:37
 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 25 02:15:01 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)	11.529	2347254	17.929 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	12.968	1768786	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.293	2089973	17.278 ug/ml
2) T n-Decane (C10)	4.360	2075263	17.637 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2282856	17.729 ug/ml
4) T n-Dodecane (C12)	6.380	2064669	17.571 ug/ml
5) T A~2-methylnaphthalene...	7.001	2124059	18.059 ug/ml
6) T n-Tetradecane (C14)	8.175	2005342	17.418 ug/ml
7) T n-Hexadecane (C16)	9.775	2088199	17.924 ug/ml
8) T n-Octadecane (C18)	11.216	2137960	18.084 ug/ml
10) T n-Eicosane (C20)	12.524	2080382	18.059 ug/ml
11) T n-Heneicosane (C21)	13.135	2088875	18.123 ug/ml
13) T n-Docosane (C22)	13.721	2067192	18.154 ug/ml
14) T n-Tetracosane (C24)	14.821	2074007	18.242 ug/ml
15) T n-Hexacosane (C26)	15.842	2070799	18.401 ug/ml
16) T n-Octacosane (C28)	16.790	2119851	18.836 ug/ml
17) T n-Tricontane (C30)	17.674	2261248	19.881 ug/ml
18) T n-Dotriacontane (C32)	18.506	2357859	20.379 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2283734	19.869 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2118468	19.387 ug/ml
21) T n-Octatriacontane (C38)	20.753	2075263	19.206 ug/ml
22) T n-Tetracontane (C40)	21.648	2029960	19.169 ug/ml

(f)=RT Delta > 1/2 Window

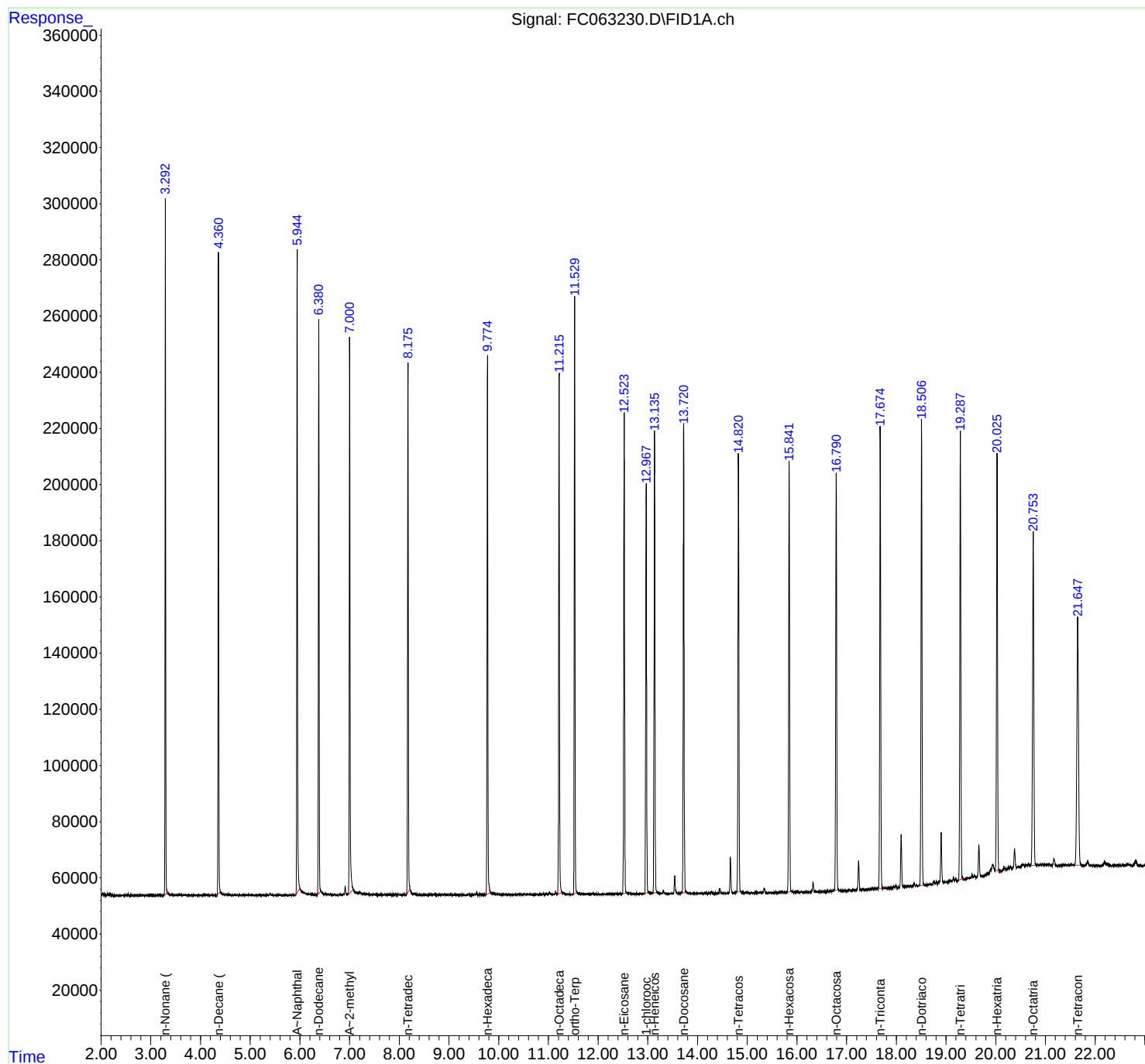
(m)=manual int.

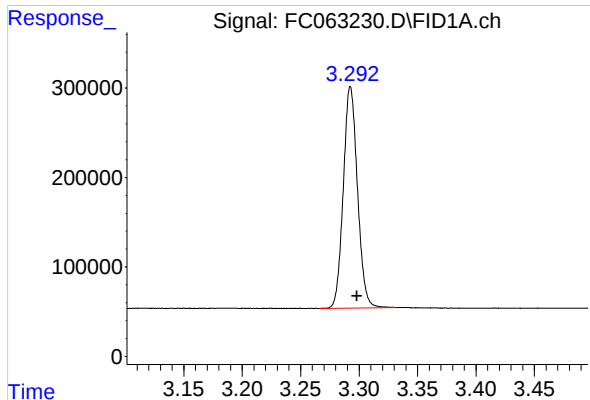
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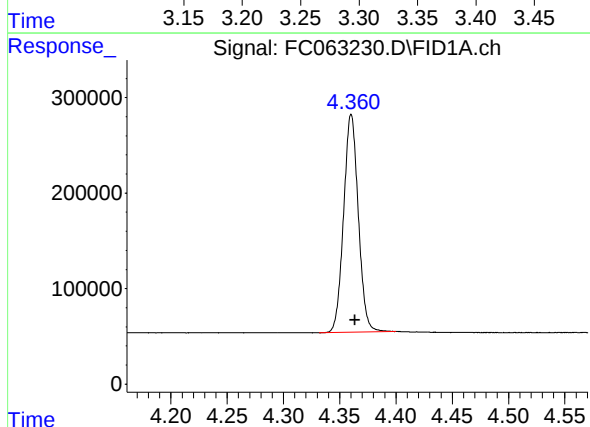




#1 n-Nonane (C9)

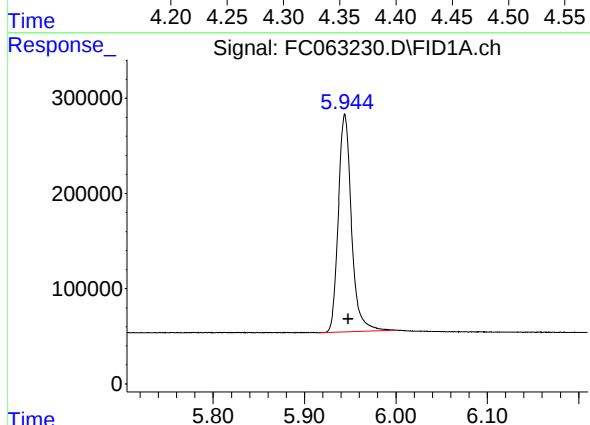
R.T.: 3.293 min
Delta R.T.: -0.005 min
Response: 2089973
Conc: 17.28 ug/ml

Instrument :
FID_C
ClientSampleId :



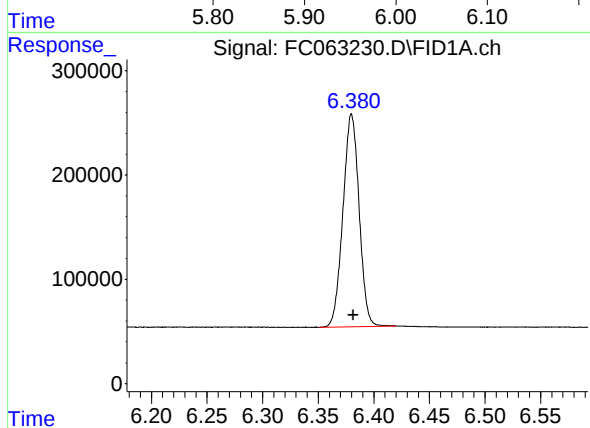
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 2075263
Conc: 17.64 ug/ml



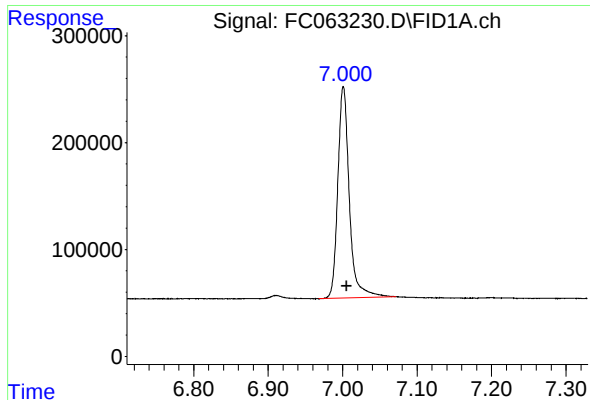
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 2282856
Conc: 17.73 ug/ml



#4 n-Dodecane (C12)

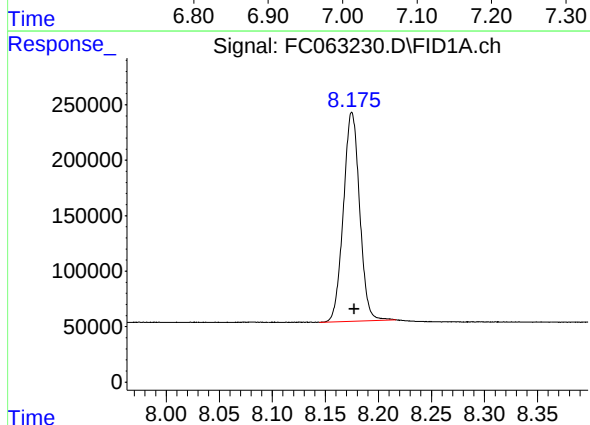
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2064669
Conc: 17.57 ug/ml



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

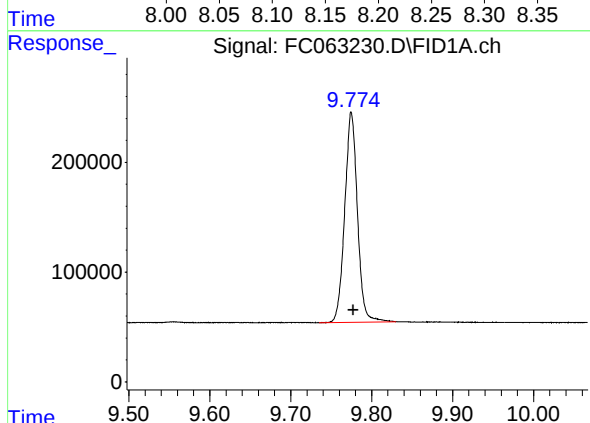
R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 2124059
Conc: 18.06 ug/ml

Instrument :
FID_C
ClientSampleId :



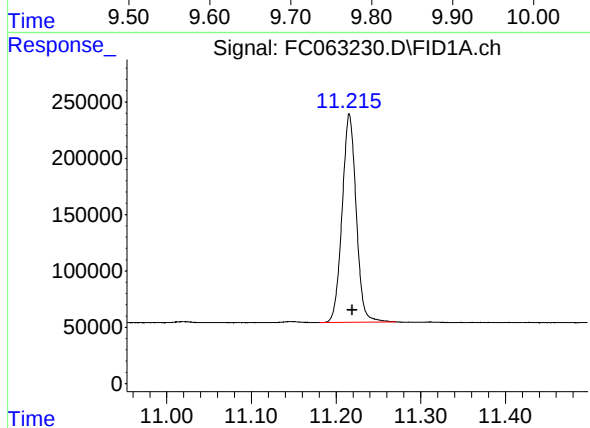
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 2005342
Conc: 17.42 ug/ml



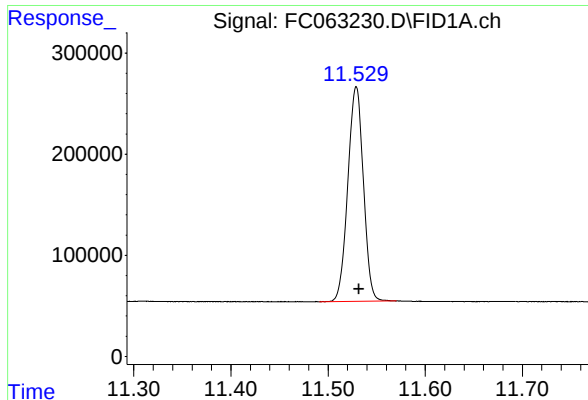
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.003 min
Response: 2088199
Conc: 17.92 ug/ml



#8 n-Octadecane (C18)

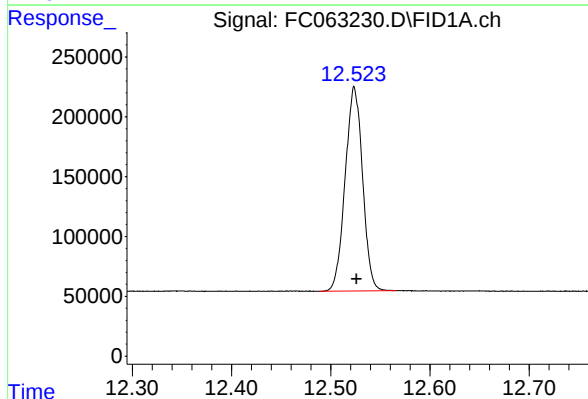
R.T.: 11.216 min
Delta R.T.: -0.003 min
Response: 2137960
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

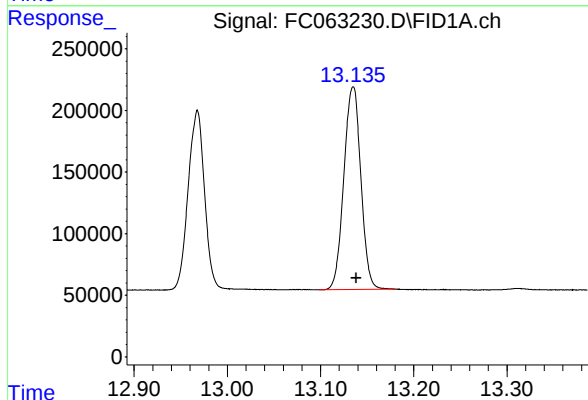
R.T.: 11.529 min
Delta R.T.: -0.003 min
Response: 2347254
Conc: 17.93 ug/ml

Instrument :
FID_C
ClientSampleId :



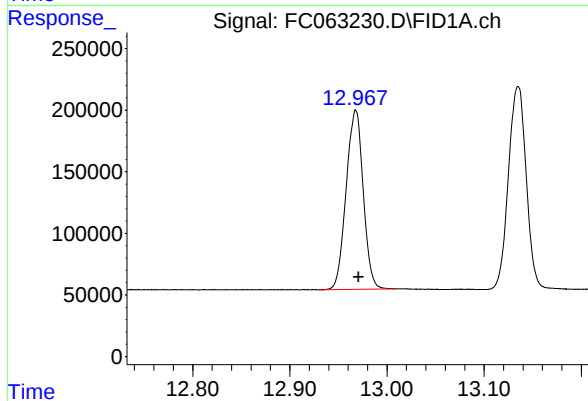
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.002 min
Response: 2080382
Conc: 18.06 ug/ml



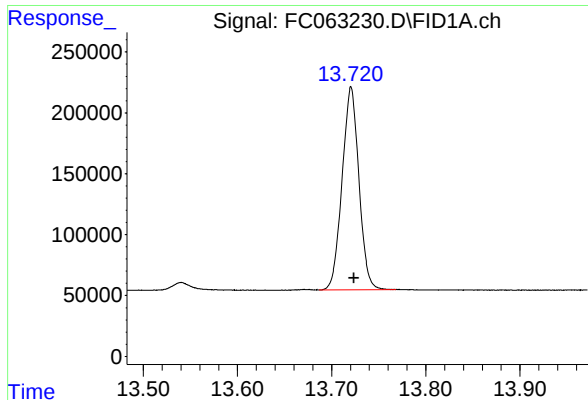
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.003 min
Response: 2088875
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

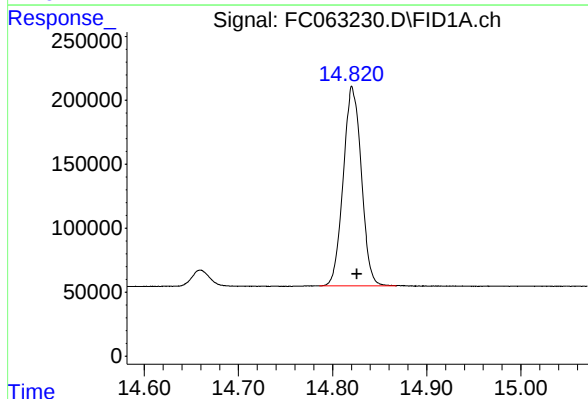
R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 1768786
Conc: 18.33 ug/ml



#13 n-Docosane (C22)

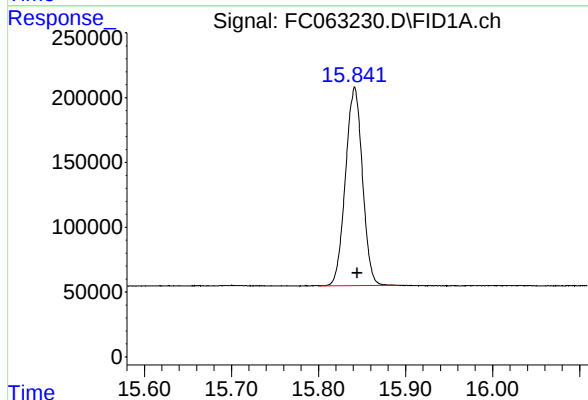
R.T.: 13.721 min
Delta R.T.: -0.003 min
Response: 2067192
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :



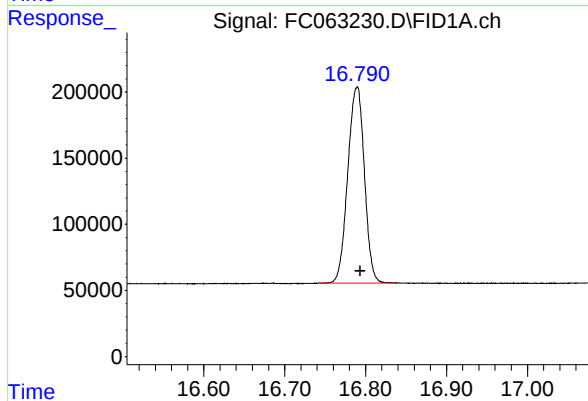
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.005 min
Response: 2074007
Conc: 18.24 ug/ml



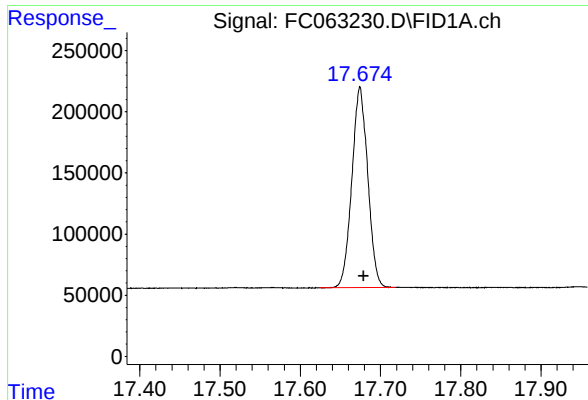
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.003 min
Response: 2070799
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

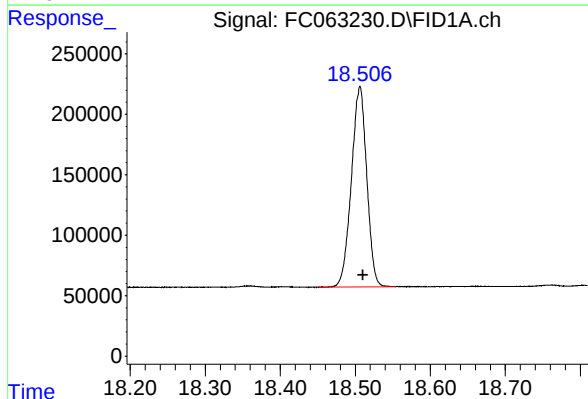
R.T.: 16.790 min
Delta R.T.: -0.004 min
Response: 2119851
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

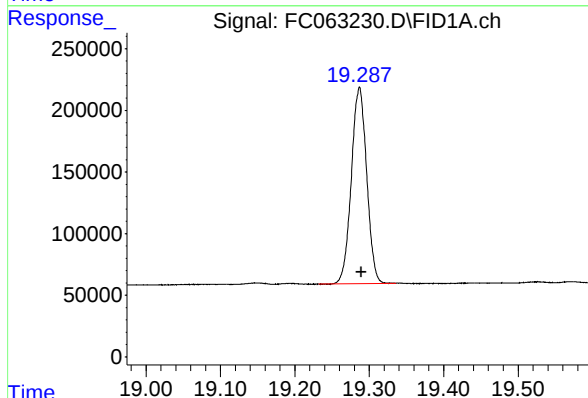
R.T.: 17.674 min
Delta R.T.: -0.004 min
Response: 2261248
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :



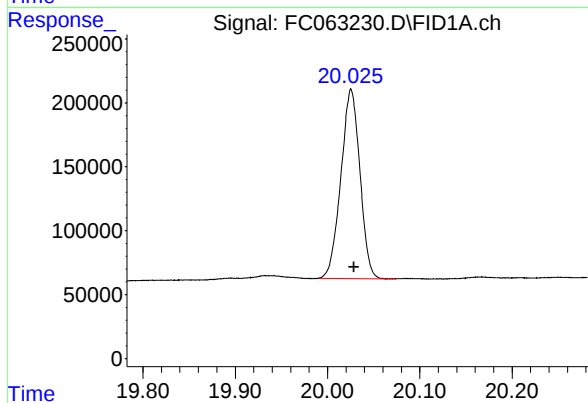
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.004 min
Response: 2357859
Conc: 20.38 ug/ml



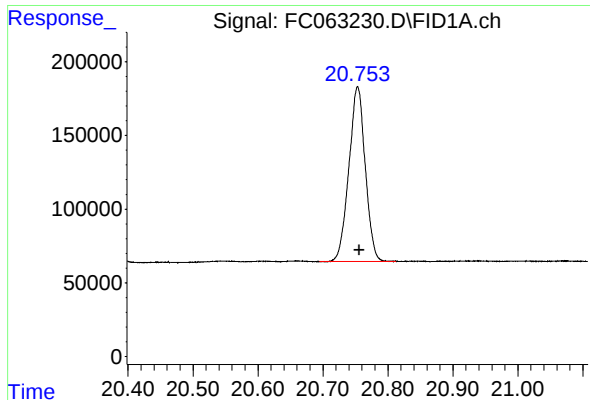
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.002 min
Response: 2283734
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

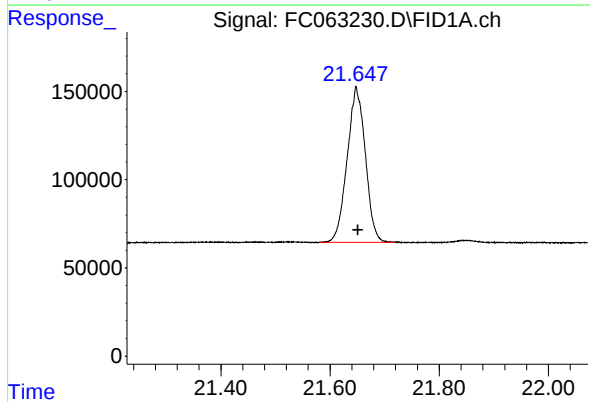
R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 2118468
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.003 min
Response: 2075263
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: -0.004 min
Response: 2029960
Conc: 19.17 ug/ml