

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063156.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 09:20
 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 14 03:34:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.534	2676053	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	12.972	1984195	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.298	2458854	20.740 ug/ml
2) T n-Decane (C10)	4.364	2423399	21.016 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2669327	20.872 ug/ml
4) T n-Dodecane (C12)	6.383	2426400	21.013 ug/ml
5) T A~2-methylnaphthalene...	7.005	2468053	20.968 ug/ml
6) T n-Tetradecane (C14)	8.180	2391712	21.162 ug/ml
7) T n-Hexadecane (C16)	9.780	2419635	21.034 ug/ml
8) T n-Octadecane (C18)	11.221	2436689	20.920 ug/ml
10) T n-Eicosane (C20)	12.529	2374751	20.841 ug/ml
11) T n-Heneicosane (C21)	13.142	2370595	20.801 ug/ml
13) T n-Docosane (C22)	13.726	2350495	20.841 ug/ml
14) T n-Tetracosane (C24)	14.826	2358949	21.050 ug/ml
15) T n-Hexacosane (C26)	15.847	2351640	21.265 ug/ml
16) T n-Octacosane (C28)	16.797	2374849	21.583 ug/ml
17) T n-Tricontane (C30)	17.682	2428127	22.049 ug/ml
18) T n-Dotriacontane (C32)	18.513	2481962	22.239 ug/ml
19) T n-Tetratriacontane (C34)	19.293	2429580	21.738 ug/ml
20) T n-Hexatriacontane (C36)	20.032	2307434	21.256 ug/ml
21) T n-Octatriacontane (C38)	20.761	2267015	20.862 ug/ml
22) T n-Tetracontane (C40)	21.661	2234297	20.537 ug/ml

(f)=RT Delta > 1/2 Window

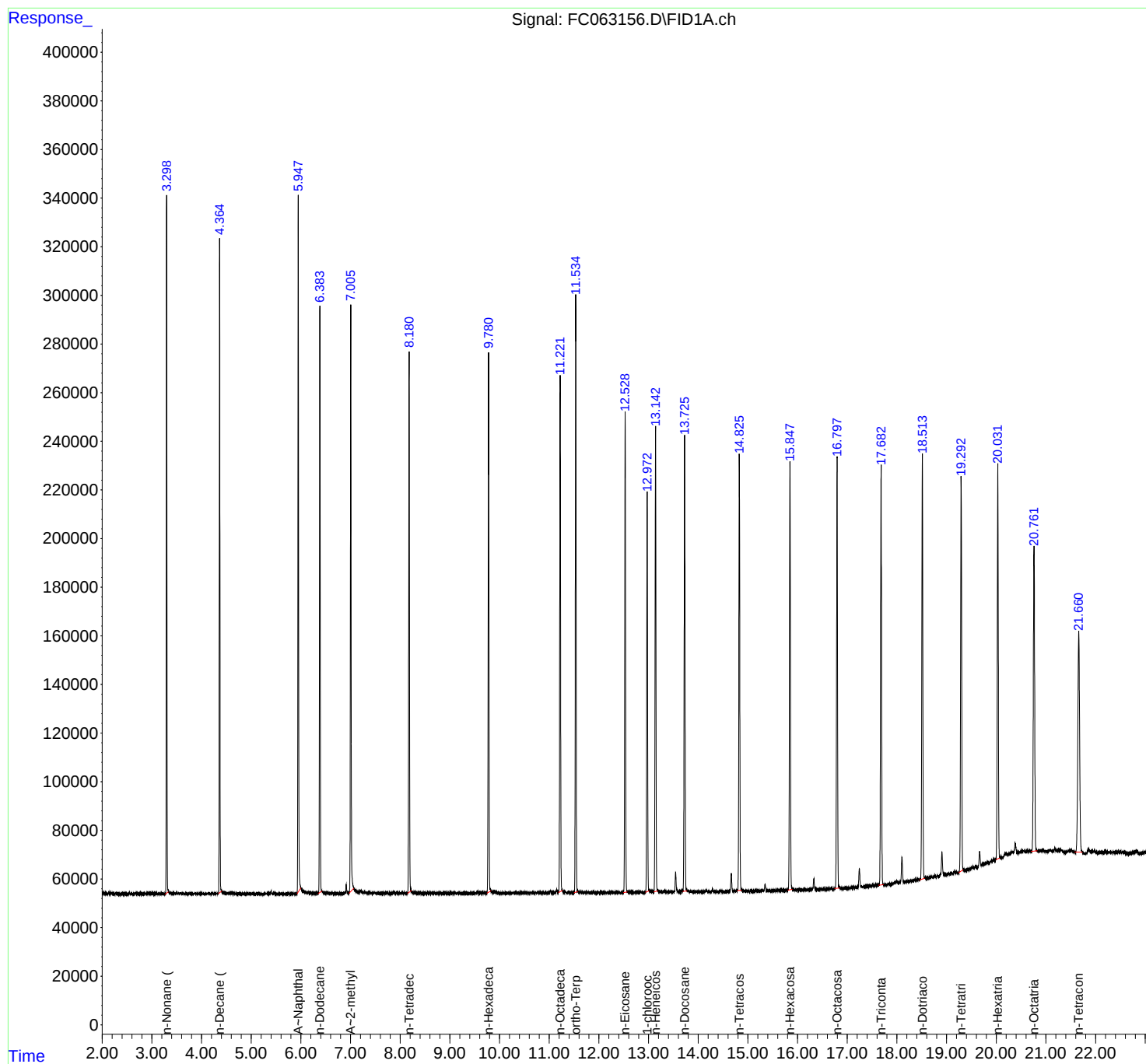
(m)=manual int.

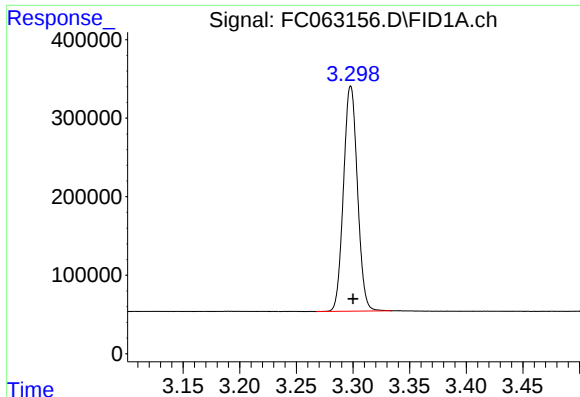
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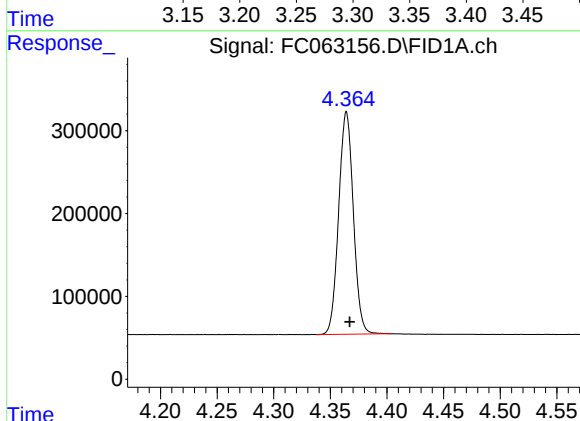




#1 n-Nonane (C9)

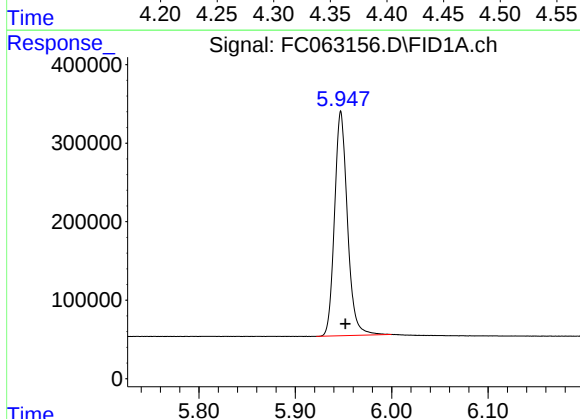
R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 2458854
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :



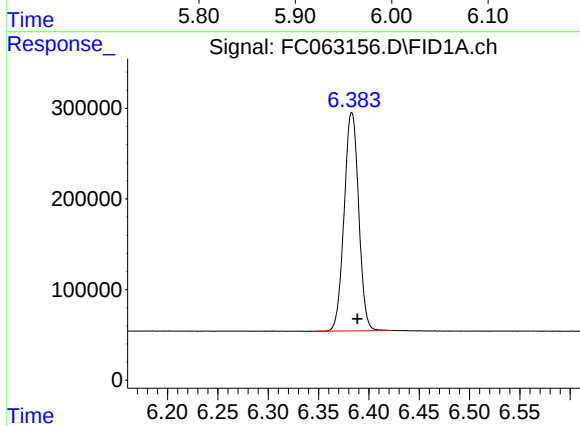
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2423399
Conc: 21.02 ug/ml



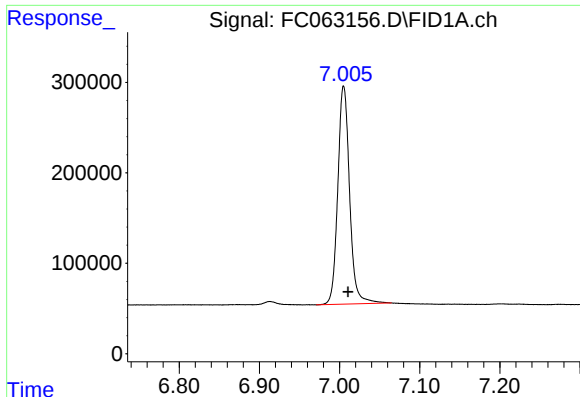
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2669327
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

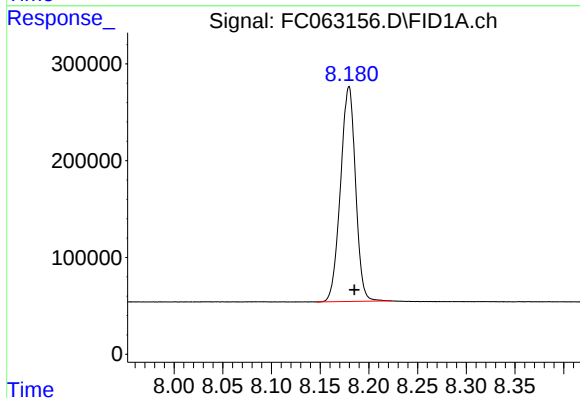
R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 2426400
Conc: 21.01 ug/ml



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

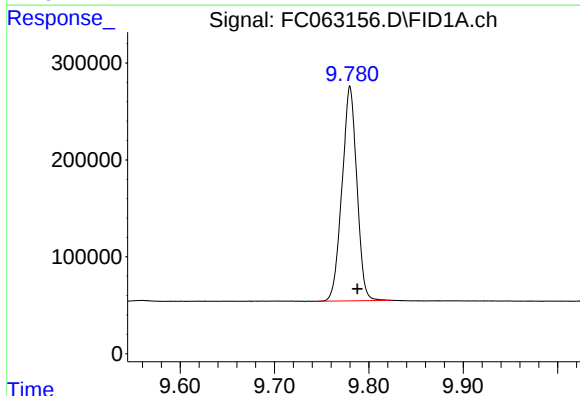
R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 2468053
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



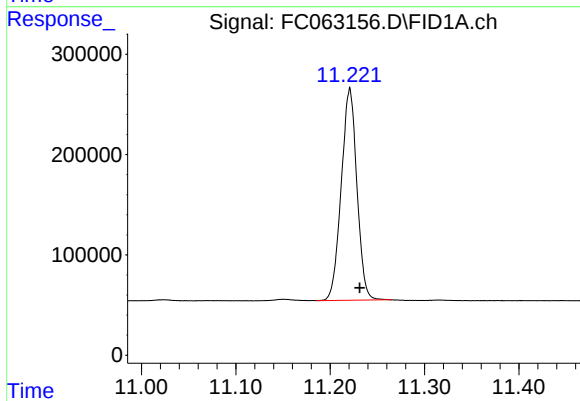
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 2391712
Conc: 21.16 ug/ml



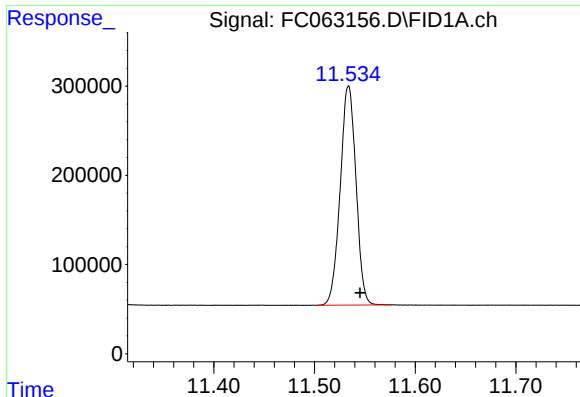
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2419635
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

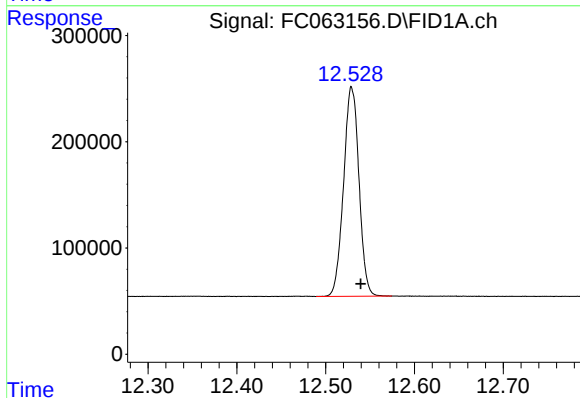
R.T.: 11.221 min
Delta R.T.: -0.011 min
Response: 2436689
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

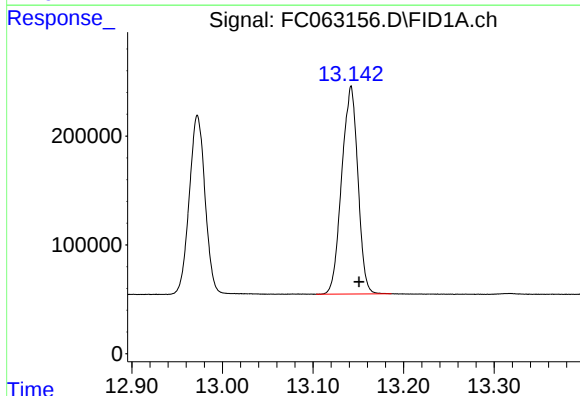
R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2676053
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



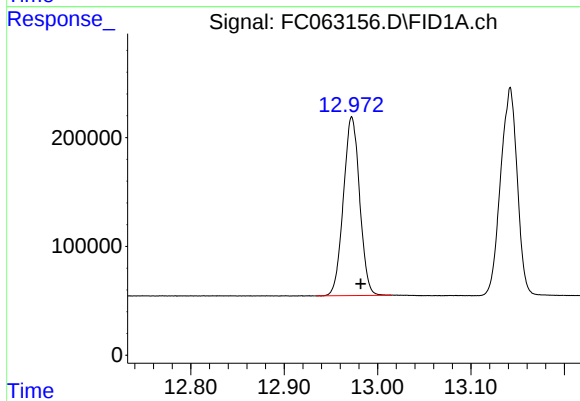
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.010 min
Response: 2374751
Conc: 20.84 ug/ml



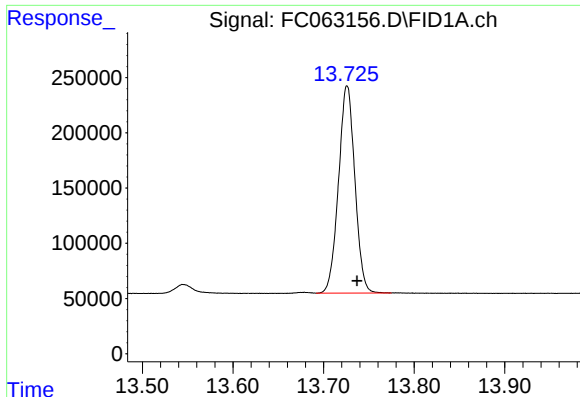
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2370595
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

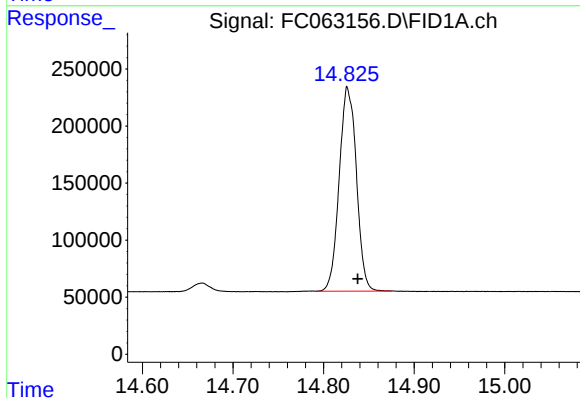
R.T.: 12.972 min
Delta R.T.: -0.009 min
Response: 1984195
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

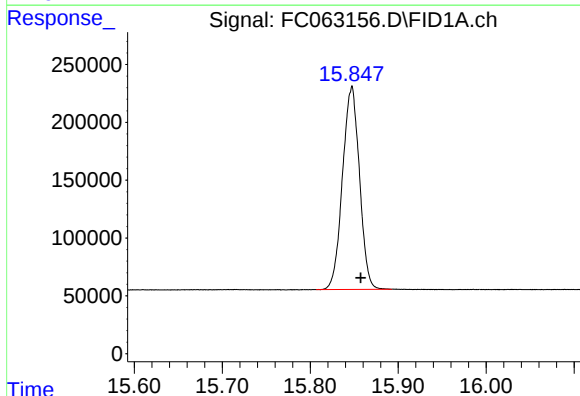
R.T.: 13.726 min
Delta R.T.: -0.011 min
Response: 2350495
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



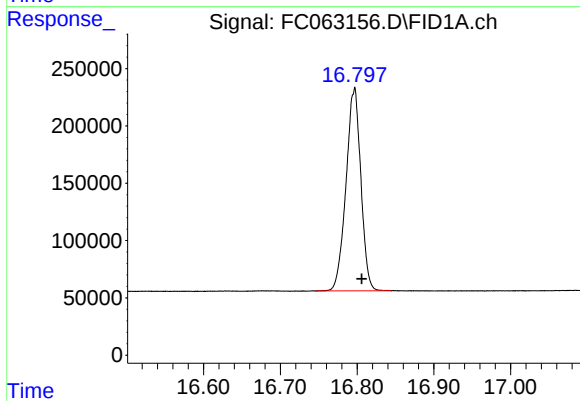
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2358949
Conc: 21.05 ug/ml



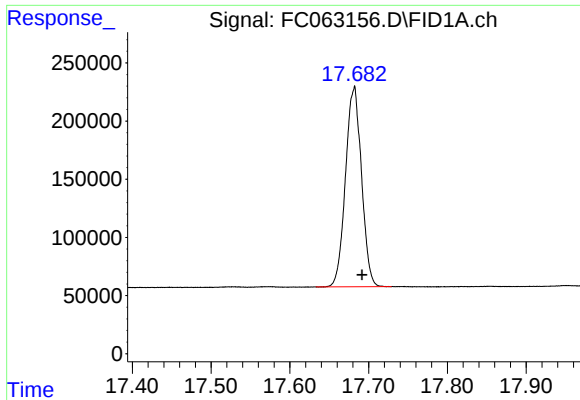
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.010 min
Response: 2351640
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

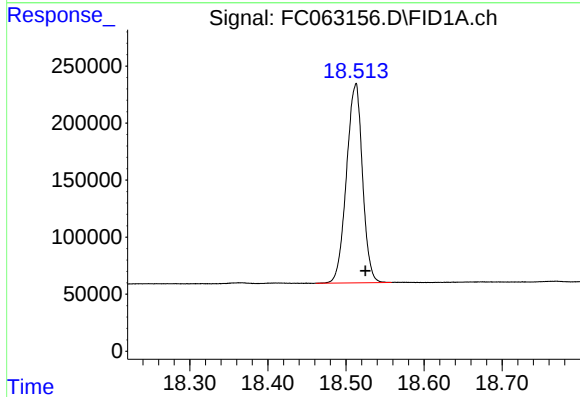
R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 2374849
Conc: 21.58 ug/ml



#17 n-Tricontane (C30)

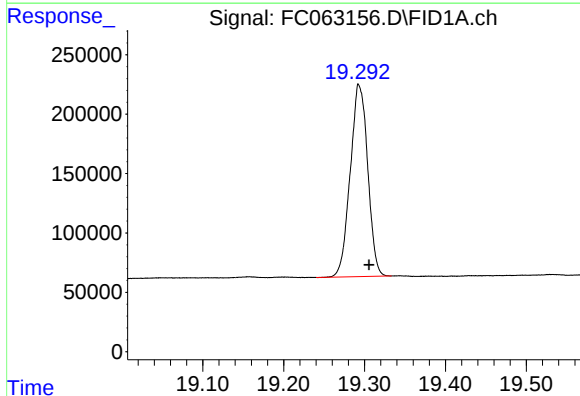
R.T.: 17.682 min
Delta R.T.: -0.010 min
Response: 2428127
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :



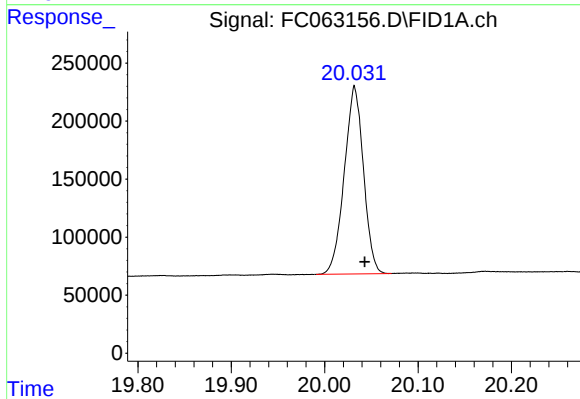
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: -0.012 min
Response: 2481962
Conc: 22.24 ug/ml



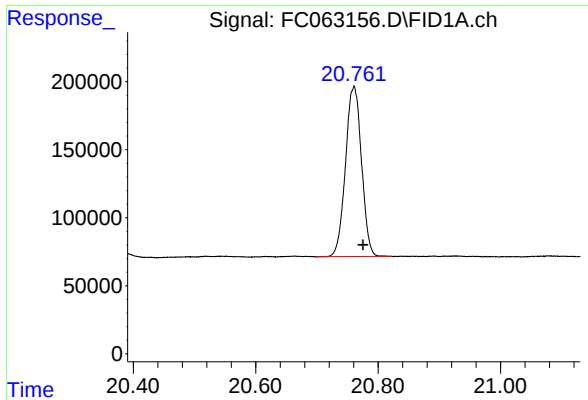
#19 n-Tetratriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.012 min
Response: 2429580
Conc: 21.74 ug/ml



#20 n-Hexatriacontane (C36)

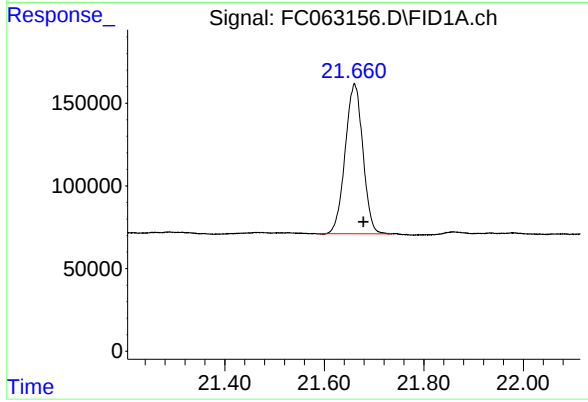
R.T.: 20.032 min
Delta R.T.: -0.011 min
Response: 2307434
Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: -0.015 min
Response: 2267015
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.661 min
Delta R.T.: -0.018 min
Response: 2234297
Conc: 20.54 ug/ml