

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013123AL\
 Data File : FC062818.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2023 14:52
 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: Jan 31 15:26:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.539	2593845	20.860 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
12) S 1-chlorooctadecane (S...	12.977	1961100	20.792 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T n-Nonane (C9)	3.301	2247324	20.794 ug/ml
2) T n-Decane (C10)	4.368	2197955	21.155 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2507817	21.205 ug/ml
4) T n-Dodecane (C12)	6.386	2187121	21.157 ug/ml
5) T A~2-methylnaphthalene...	7.008	2365614	21.621 ug/ml
6) T n-Tetradecane (C14)	8.182	2235653	21.792 ug/ml
7) T n-Hexadecane (C16)	9.784	2284469	21.115 ug/ml
8) T n-Octadecane (C18)	11.225	2328189	21.001 ug/ml
10) T n-Eicosane (C20)	12.535	2271120	20.830 ug/ml
11) T n-Heneicosane (C21)	13.145	2269321	20.849 ug/ml
13) T n-Docosane (C22)	13.731	2247956	20.866 ug/ml
14) T n-Tetracosane (C24)	14.833	2252741	21.035 ug/ml
15) T n-Hexacosane (C26)	15.853	2233685	21.196 ug/ml
16) T n-Octacosane (C28)	16.801	2225680	21.300 ug/ml
17) T n-Tricontane (C30)	17.685	2235193	21.406 ug/ml
18) T n-Dotriacontane (C32)	18.516	2244678	20.781 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2198549	20.917 ug/ml
20) T n-Hexatriacontane (C36)	20.034	2094946	20.803 ug/ml
21) T n-Octatriacontane (C38)	20.765	2081537	20.732 ug/ml
22) T n-Tetracontane (C40)	21.664	2071947	21.496 ug/ml

(f)=RT Delta > 1/2 Window

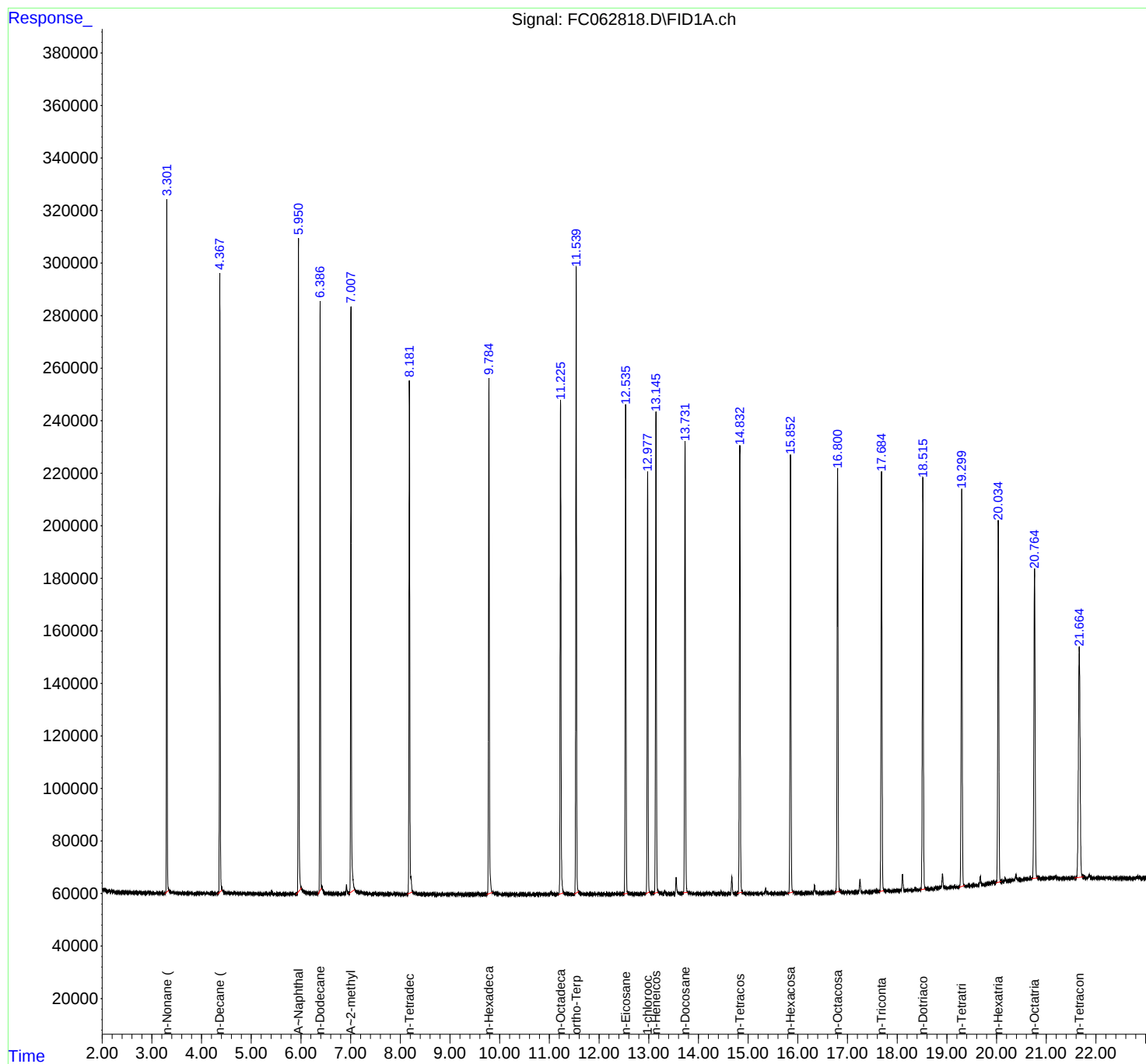
(m)=manual int.

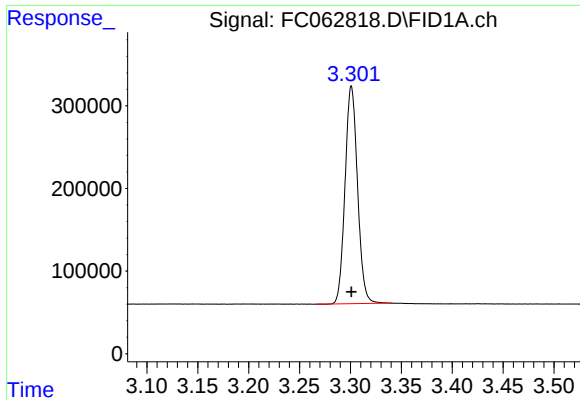
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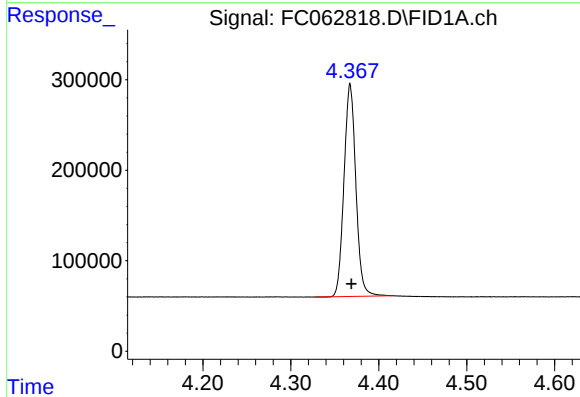




#1 n-Nonane (C9)

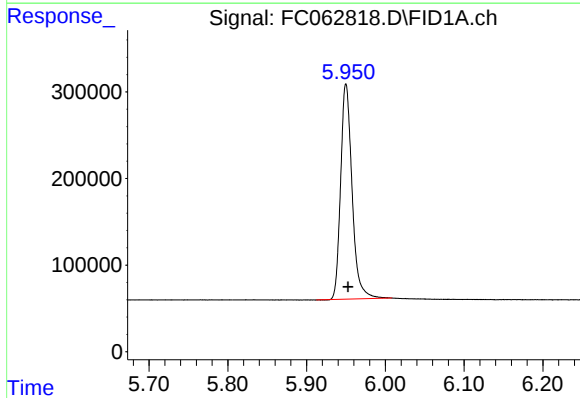
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2247324
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



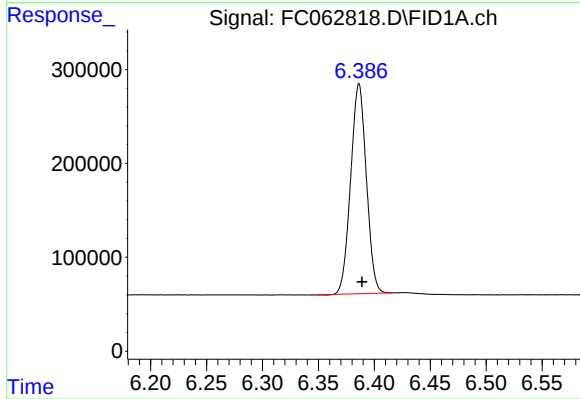
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 2197955
Conc: 21.16 ug/ml



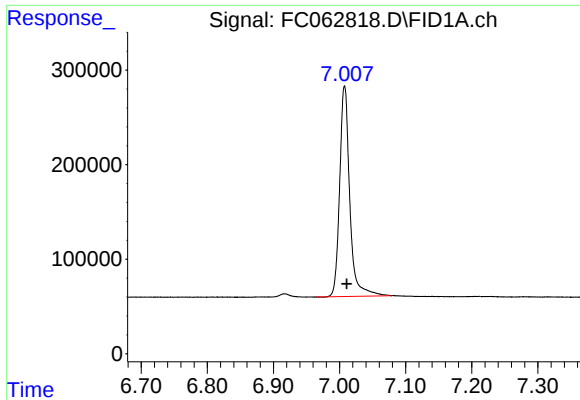
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2507817
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

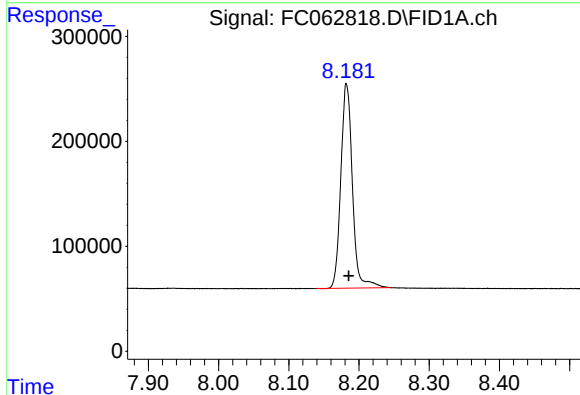
R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2187121
Conc: 21.16 ug/ml



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

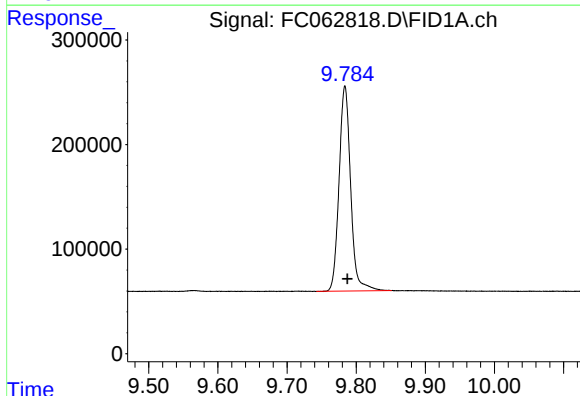
R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2365614
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :



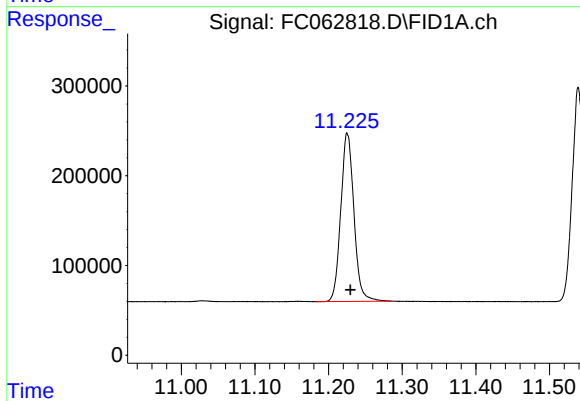
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2235653
Conc: 21.79 ug/ml



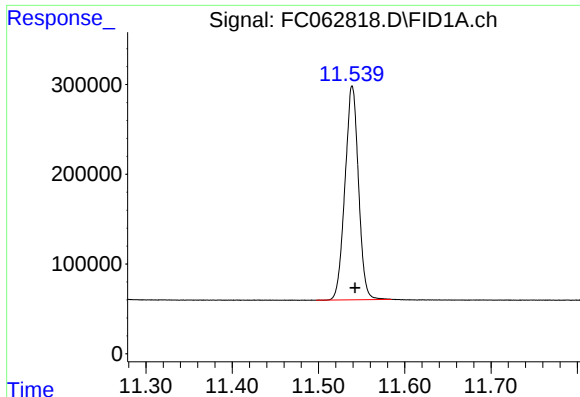
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.003 min
Response: 2284469
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

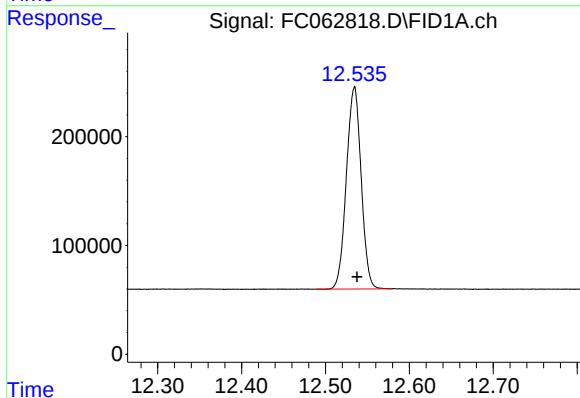
R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2328189
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

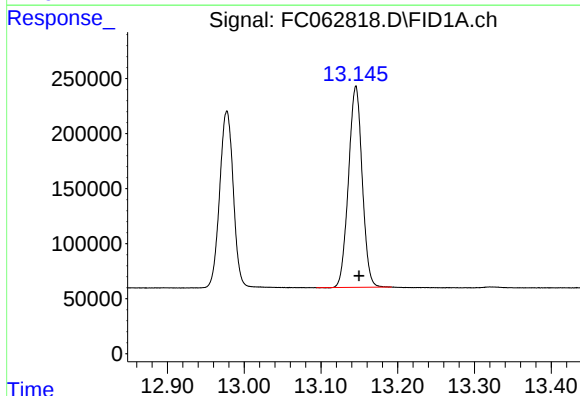
R.T.: 11.539 min
Delta R.T.: -0.003 min
Response: 2593845
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



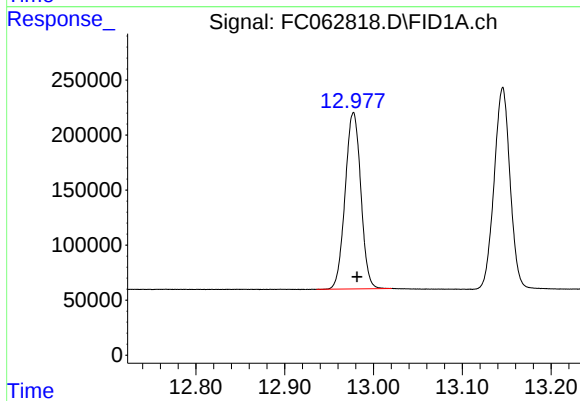
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 2271120
Conc: 20.83 ug/ml



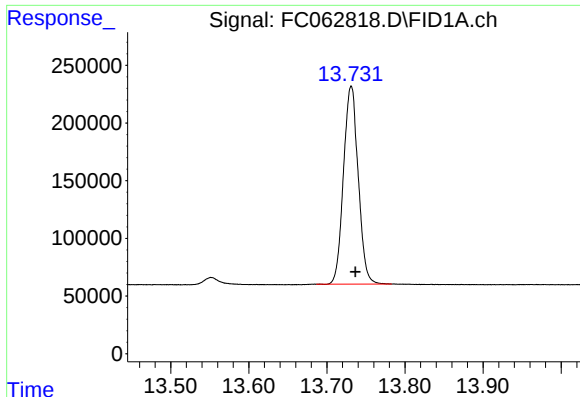
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.004 min
Response: 2269321
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

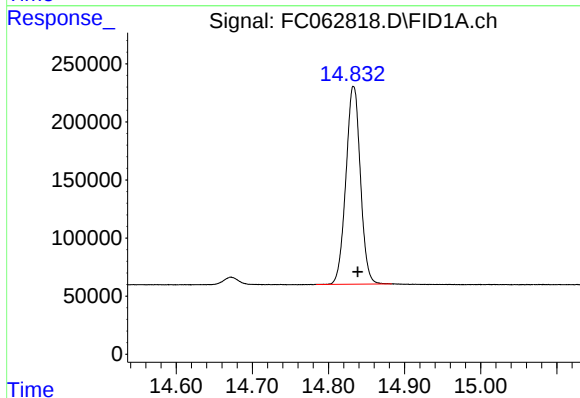
R.T.: 12.977 min
Delta R.T.: -0.004 min
Response: 1961100
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

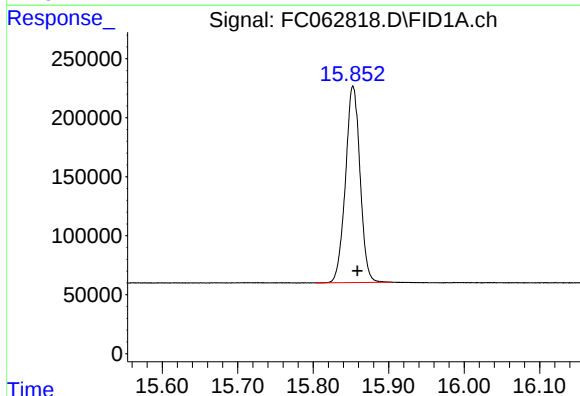
R.T.: 13.731 min
Delta R.T.: -0.005 min
Response: 2247956
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :



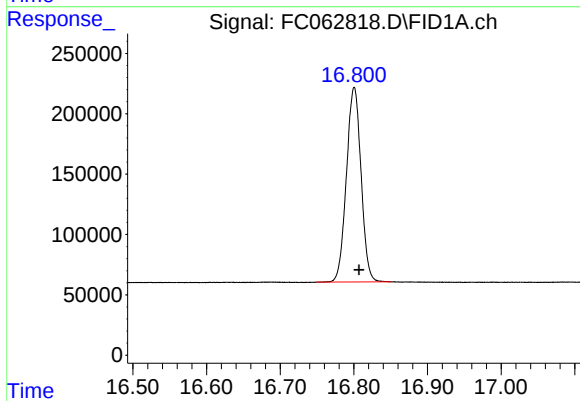
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.006 min
Response: 2252741
Conc: 21.03 ug/ml



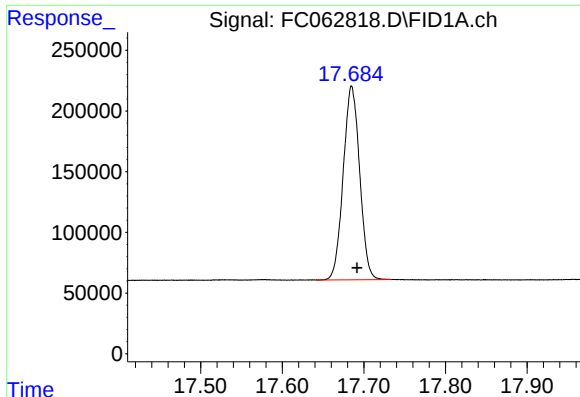
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.006 min
Response: 2233685
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

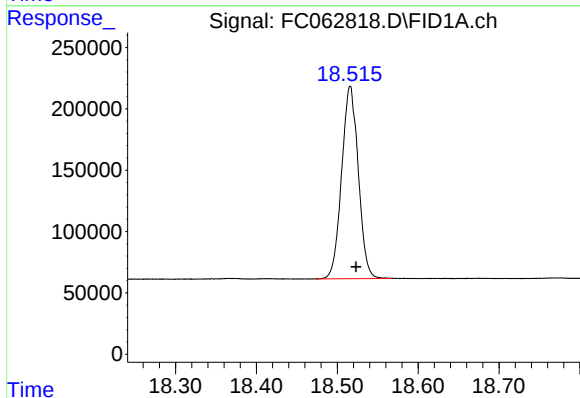
R.T.: 16.801 min
Delta R.T.: -0.006 min
Response: 2225680
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

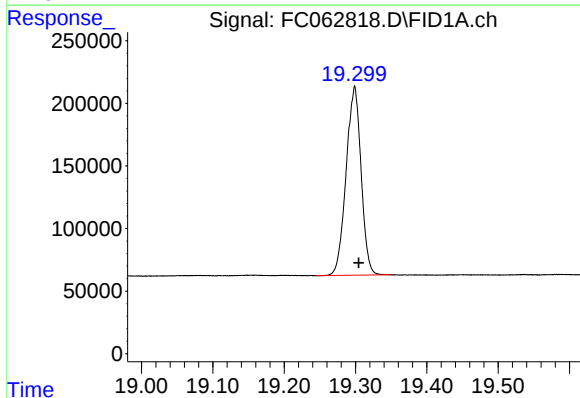
R.T.: 17.685 min
Delta R.T.: -0.007 min
Response: 2235193
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :



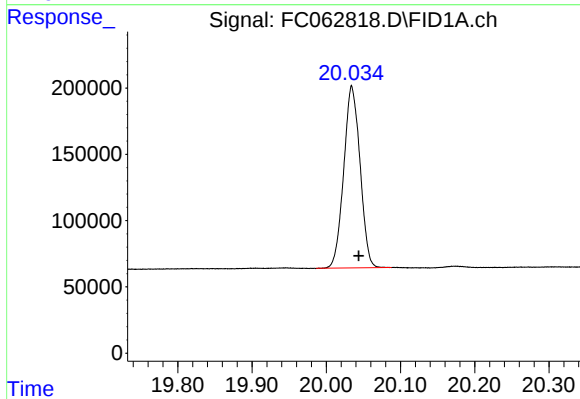
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 2244678
Conc: 20.78 ug/ml



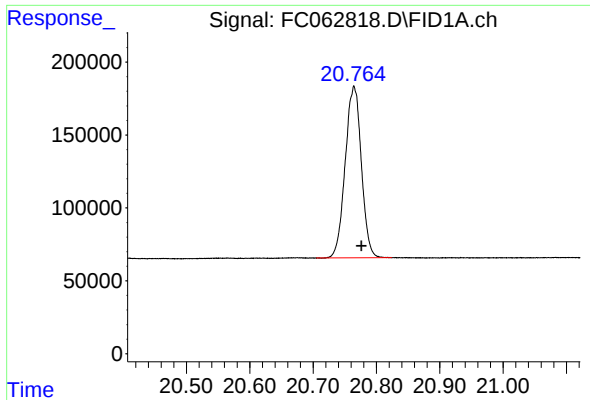
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.006 min
Response: 2198549
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

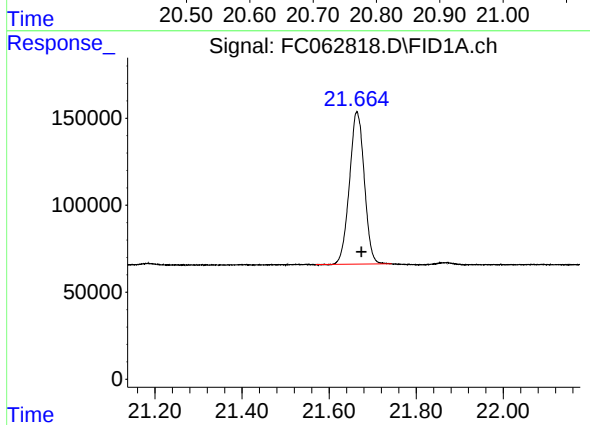
R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 2094946
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.011 min
Response: 2081537
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.010 min
Response: 2071947
Conc: 21.50 ug/ml