

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011223AL\
 Data File : FC062644.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jan 2023 04:20
 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: Jan 13 05:00:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.557	2523819	17.863 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
12) S 1-chlorooctadecane (S...	12.996	1896046	18.000 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
Target Compounds			
1) T n-Nonane (C9)	3.314	2340930	17.506 ug/ml
2) T n-Decane (C10)	4.382	2314830	17.848 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2608974	17.754 ug/ml
4) T n-Dodecane (C12)	6.404	2254004	17.538 ug/ml
5) T A~2-methylnaphthalene...	7.026	2427308	17.754 ug/ml
6) T n-Tetradecane (C14)	8.199	2300329	17.870 ug/ml
7) T n-Hexadecane (C16)	9.800	2313123	17.911 ug/ml
8) T n-Octadecane (C18)	11.242	2328489	17.981 ug/ml
10) T n-Eicosane (C20)	12.553	2230016	18.070 ug/ml
11) T n-Heneicosane (C21)	13.164	2217159	18.090 ug/ml
13) T n-Docosane (C22)	13.751	2187698	18.299 ug/ml
14) T n-Tetracosane (C24)	14.852	2207768	18.957 ug/ml
15) T n-Hexacosane (C26)	15.871	2155208	19.184 ug/ml
16) T n-Octacosane (C28)	16.819	2196414	20.004 ug/ml
17) T n-Tricontane (C30)	17.705	2315360	21.380 ug/ml
18) T n-Dotriacontane (C32)	18.536	2391287	21.904 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2298166	21.139 ug/ml
20) T n-Hexatriacontane (C36)	20.056	2122997	19.086 ug/ml
21) T n-Octatriacontane (C38)	20.791	2073854	19.582 ug/ml
22) T n-Tetracontane (C40)	21.695	2068745	19.426 ug/ml

(f)=RT Delta > 1/2 Window

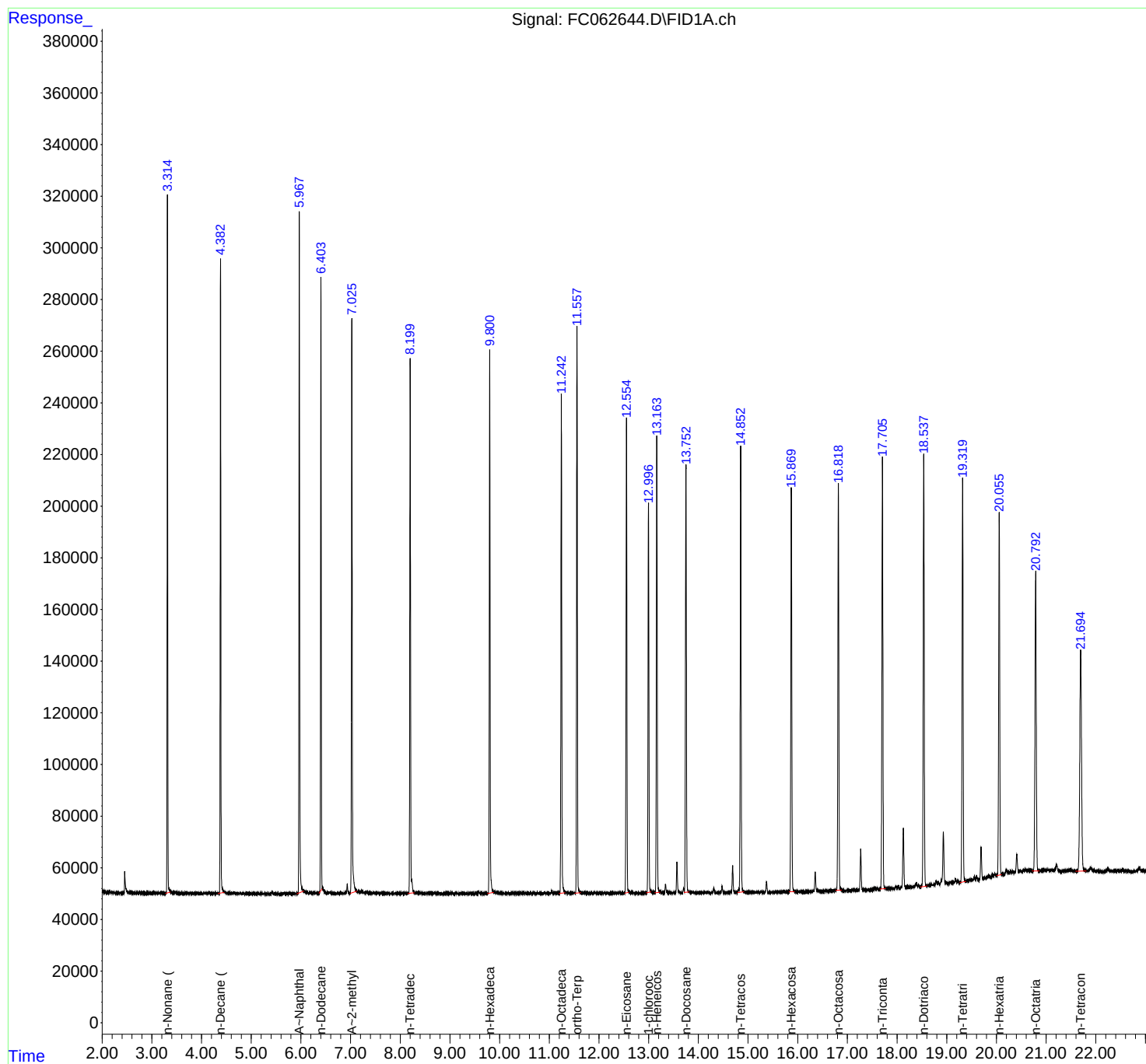
(m)=manual int.

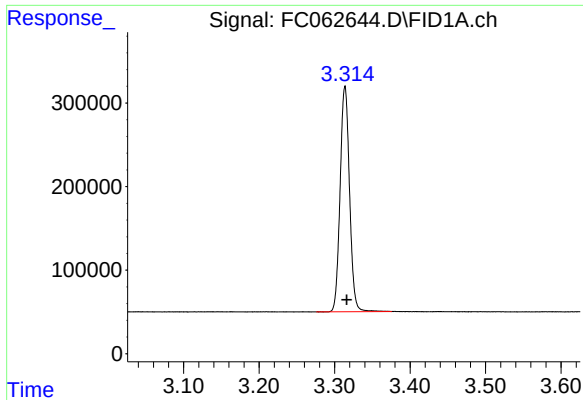
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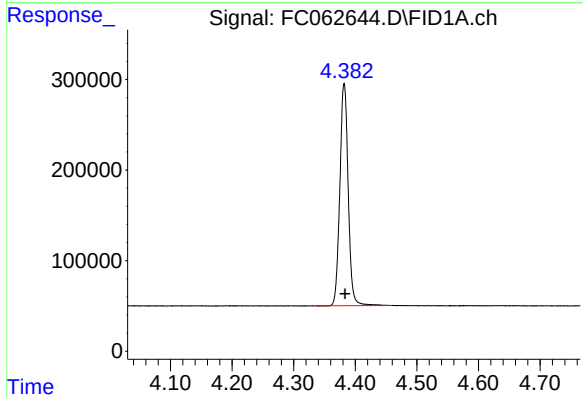




#1 n-Nonane (C9)

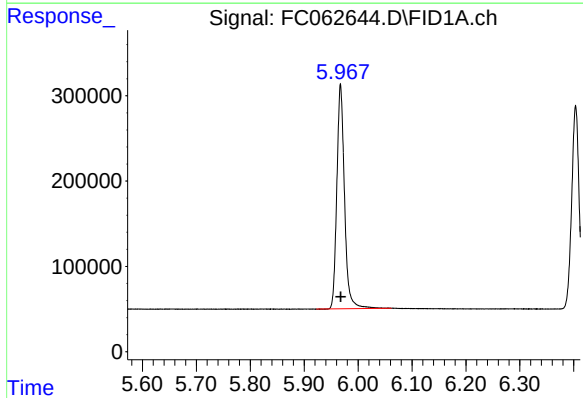
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2340930
Conc: 17.51 ug/ml

Instrument :
FID_C
ClientSampleId :



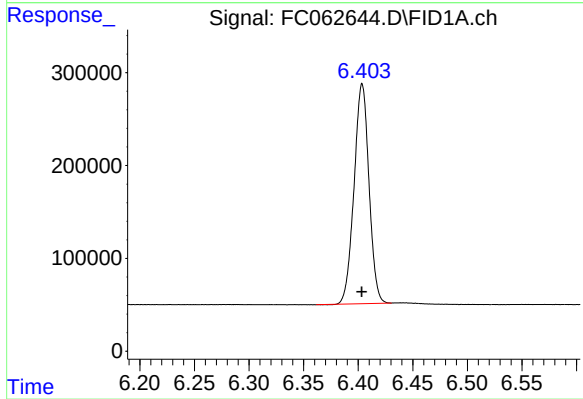
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 2314830
Conc: 17.85 ug/ml



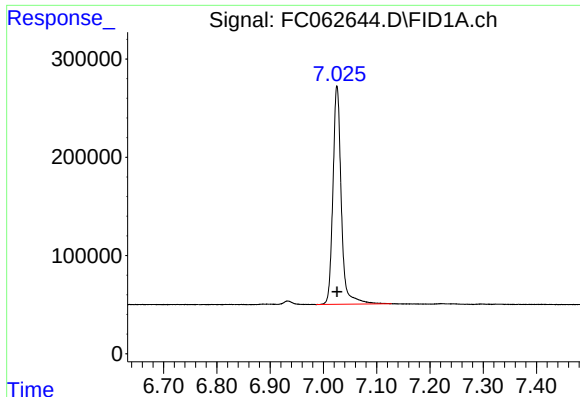
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2608974
Conc: 17.75 ug/ml



#4 n-Dodecane (C12)

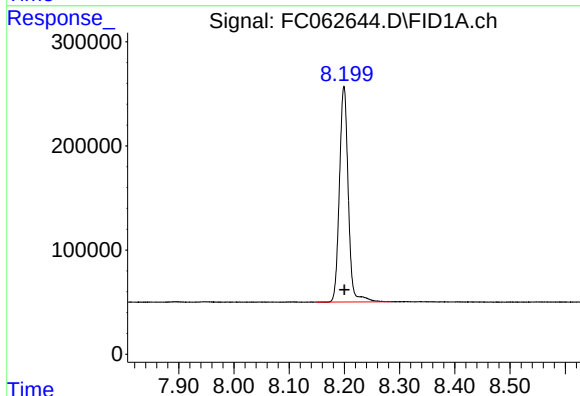
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2254004
Conc: 17.54 ug/ml



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

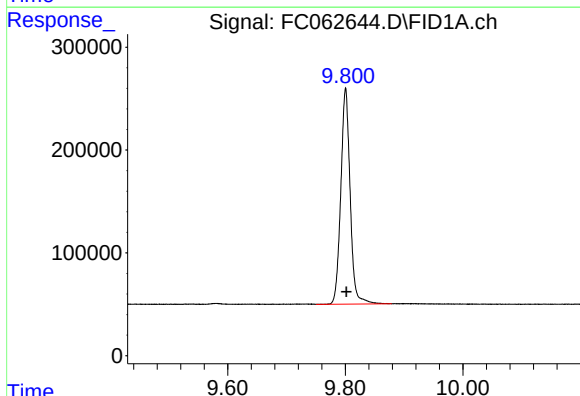
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2427308
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :



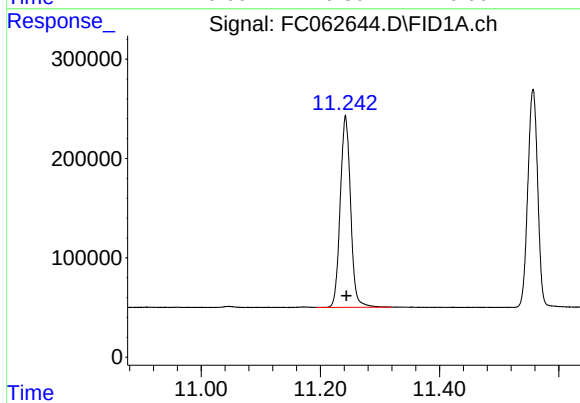
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2300329
Conc: 17.87 ug/ml



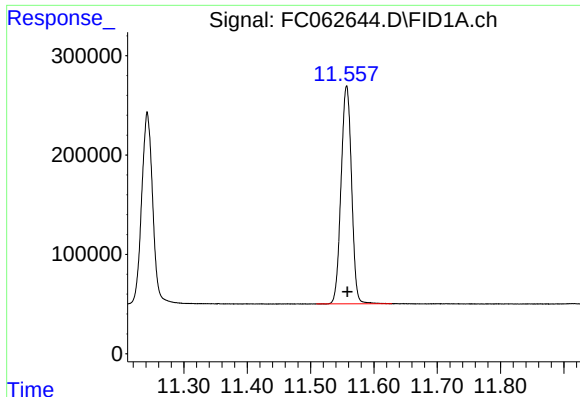
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2313123
Conc: 17.91 ug/ml



#8 n-Octadecane (C18)

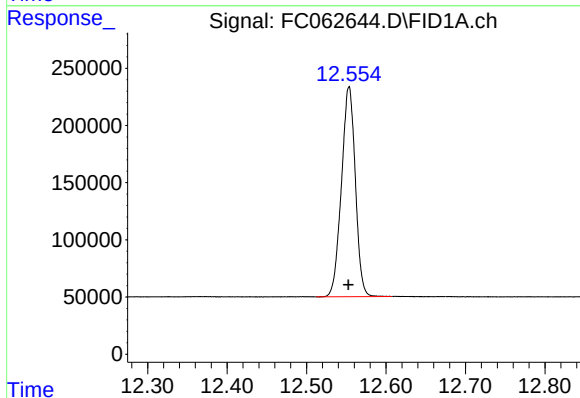
R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 2328489
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

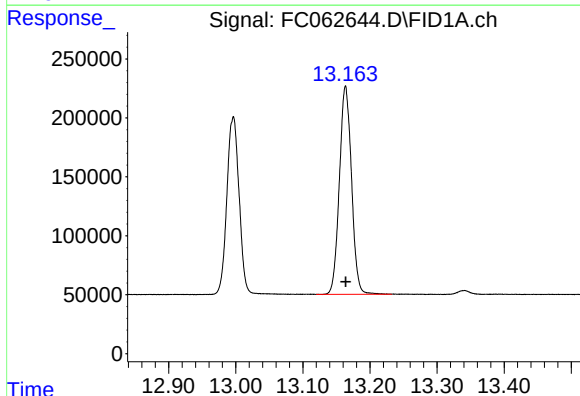
R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 2523819
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :



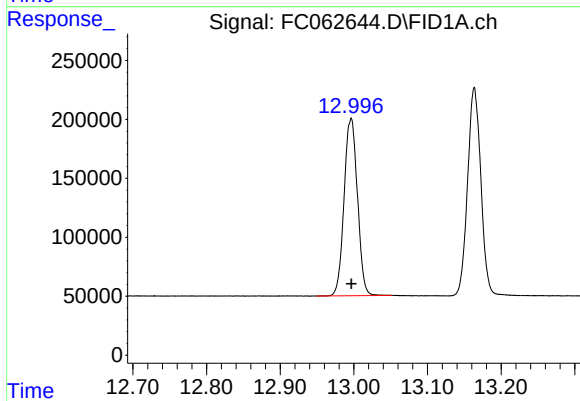
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.000 min
Response: 2230016
Conc: 18.07 ug/ml



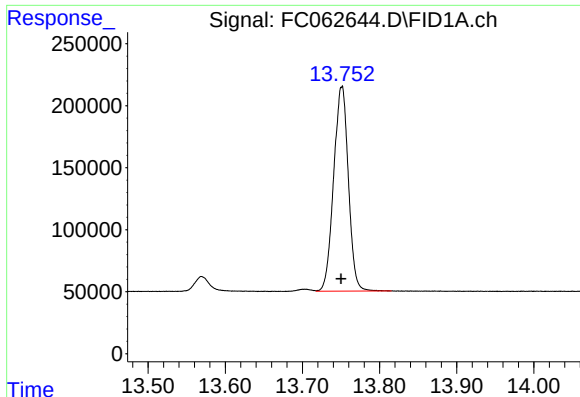
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: 0.000 min
Response: 2217159
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

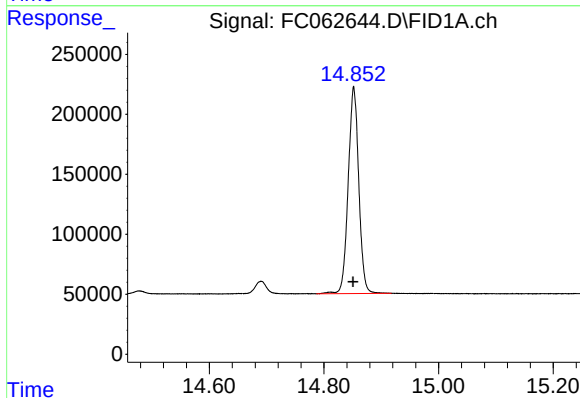
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 1896046
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

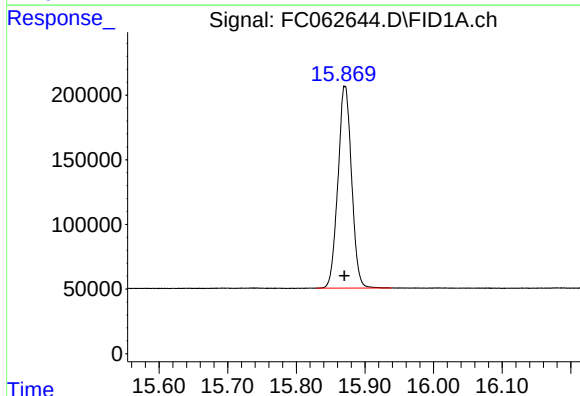
R.T.: 13.751 min
Delta R.T.: 0.000 min
Response: 2187698
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :



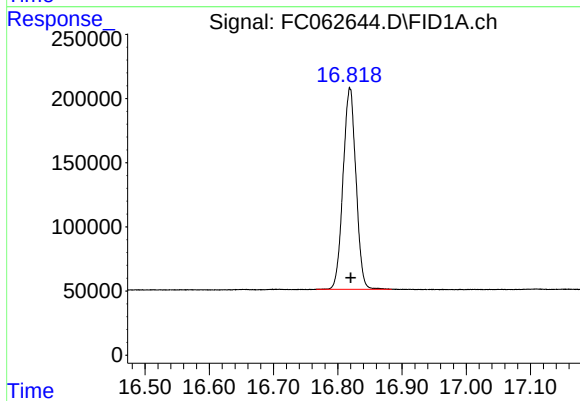
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: 0.001 min
Response: 2207768
Conc: 18.96 ug/ml



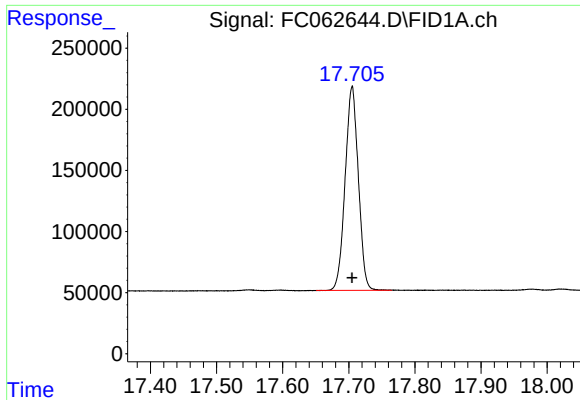
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2155208
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

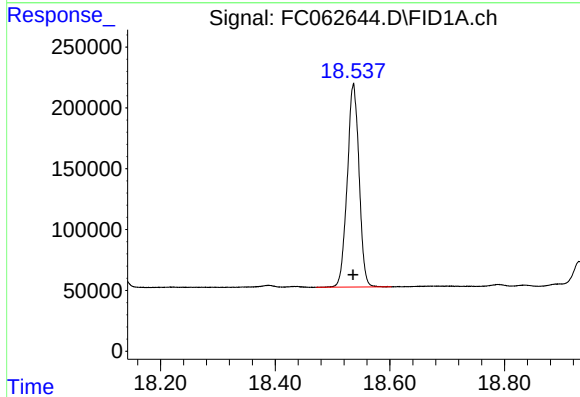
R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 2196414
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

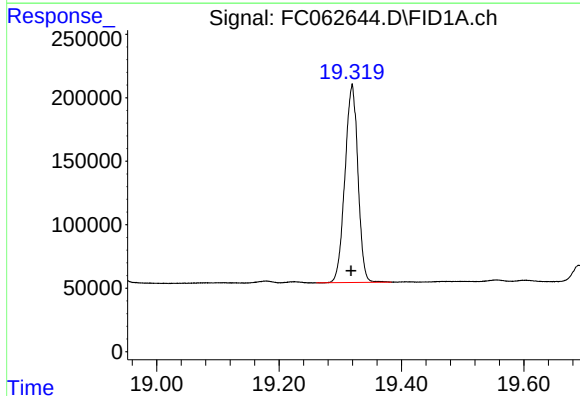
R.T.: 17.705 min
Delta R.T.: 0.000 min
Response: 2315360
Conc: 21.38 ug/ml

Instrument :
FID_C
ClientSampleId :



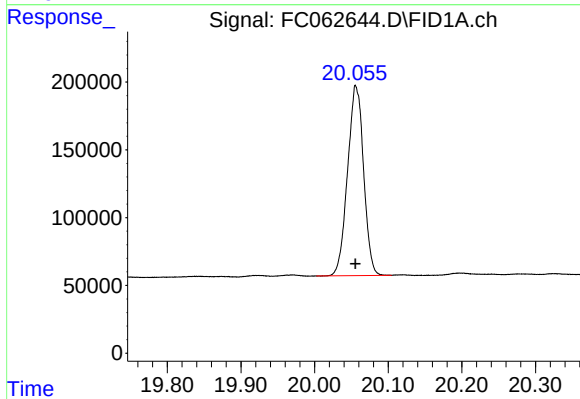
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: 0.000 min
Response: 2391287
Conc: 21.90 ug/ml



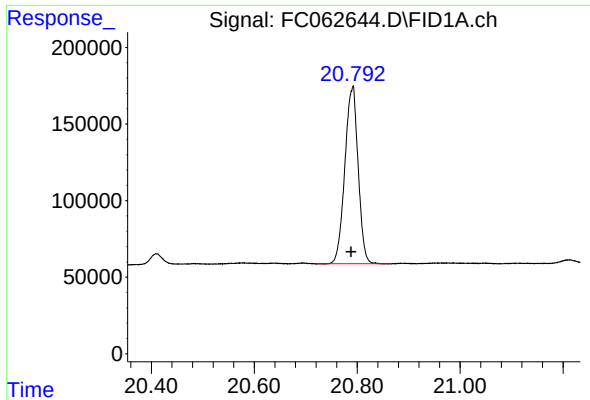
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: 0.002 min
Response: 2298166
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

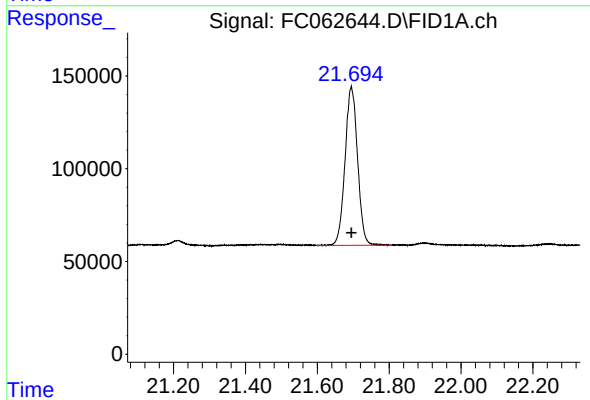
R.T.: 20.056 min
Delta R.T.: 0.000 min
Response: 2122997
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: 0.003 min
Response: 2073854
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: 0.000 min
Response: 2068745
Conc: 19.43 ug/ml