

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
 Data File : FC062576.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jan 2023 02:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 05 04:56:55 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)	11.556	2777664	19.660 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	12.995	2078219	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.317	2612417	19.536 ug/ml
2) T n-Decane (C10)	4.383	2539211	19.578 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2881523	19.609 ug/ml
4) T n-Dodecane (C12)	6.402	2546606	19.815 ug/ml
5) T A~2-methylnaphthalene...	7.024	2681900	19.616 ug/ml
6) T n-Tetradecane (C14)	8.199	2515570	19.542 ug/ml
7) T n-Hexadecane (C16)	9.800	2529346	19.586 ug/ml
8) T n-Octadecane (C18)	11.242	2539451	19.610 ug/ml
10) T n-Eicosane (C20)	12.551	2424928	19.649 ug/ml
11) T n-Heneicosane (C21)	13.163	2410620	19.668 ug/ml
13) T n-Docosane (C22)	13.748	2349727	19.655 ug/ml
14) T n-Tetracosane (C24)	14.850	2298790	19.739 ug/ml
15) T n-Hexacosane (C26)	15.868	2219426	19.756 ug/ml
16) T n-Octacosane (C28)	16.816	2171497	19.777 ug/ml
17) T n-Tricontane (C30)	17.703	2142793	19.786 ug/ml
18) T n-Dotriacontane (C32)	18.533	2153914	19.730 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2139820	19.682 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2065638	18.570 ug/ml
21) T n-Octatriacontane (C38)	20.786	2065875	19.507 ug/ml
22) T n-Tetracontane (C40)	21.691	2090192	19.627 ug/ml

(f)=RT Delta > 1/2 Window

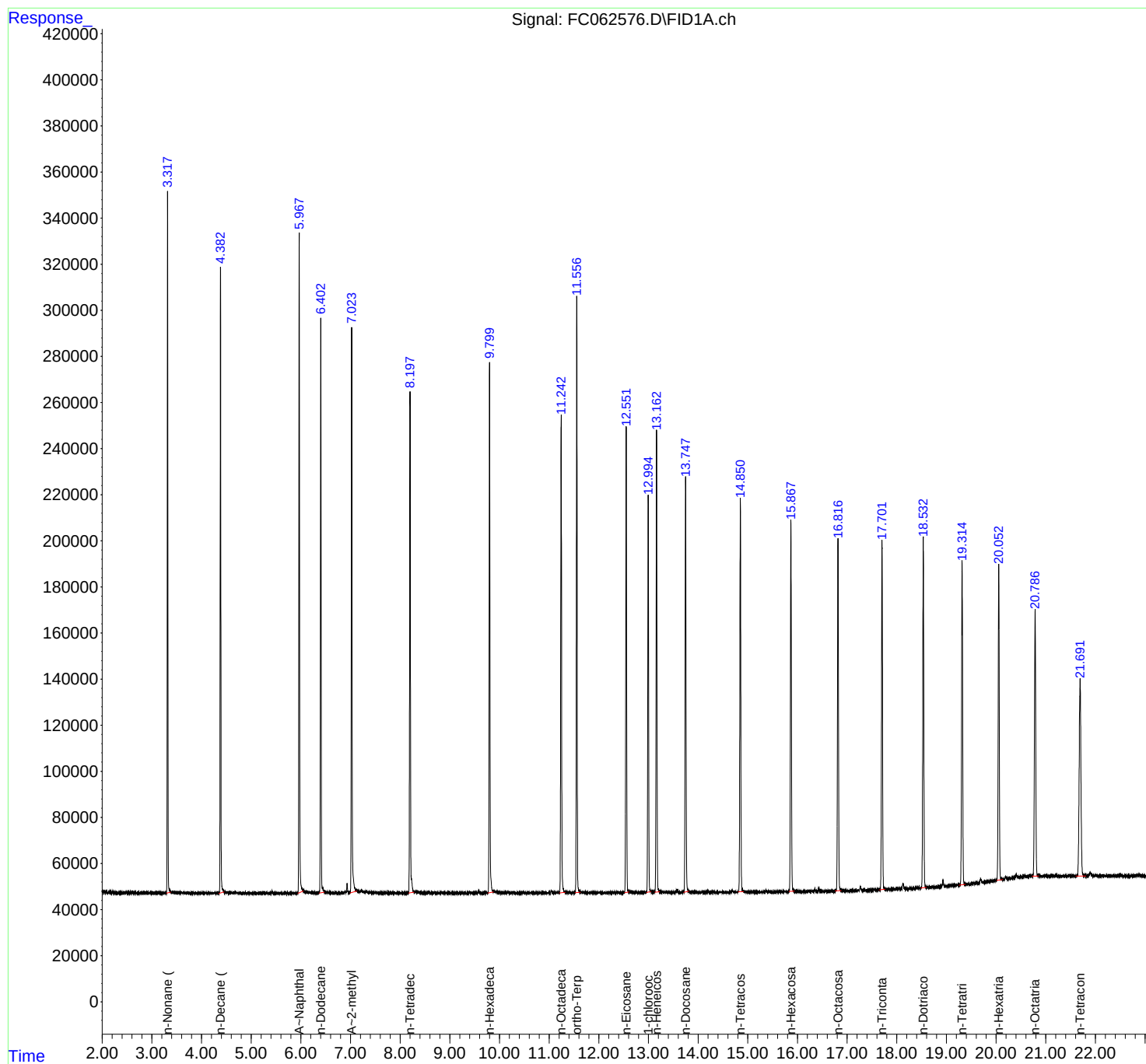
(m)=manual int.

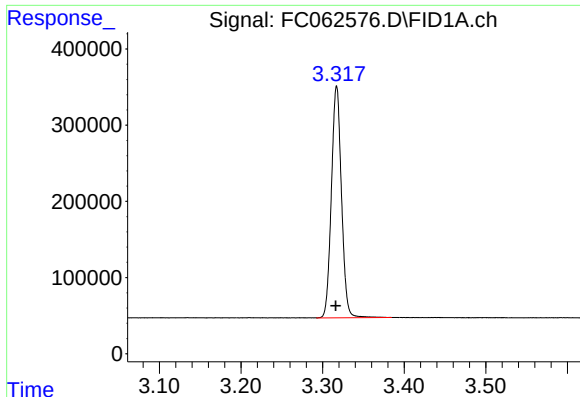
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
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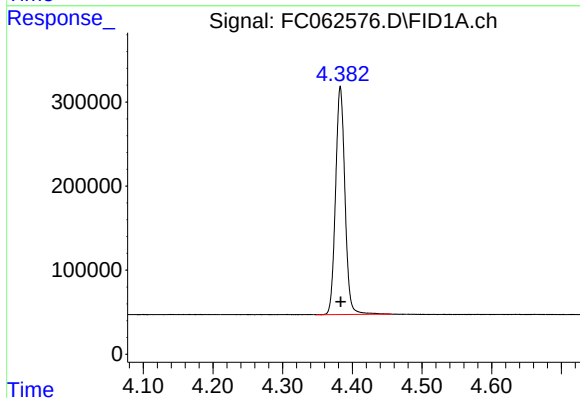




#1 n-Nonane (C9)

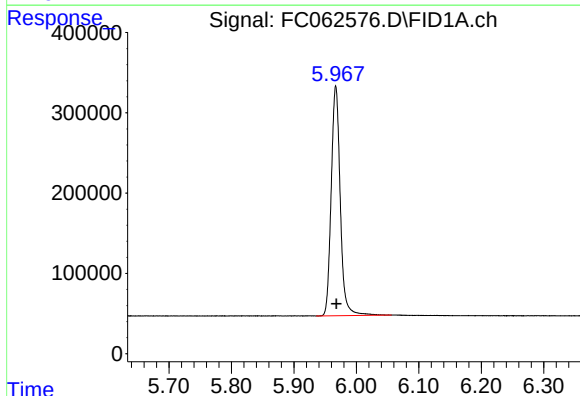
R.T.: 3.317 min
Delta R.T.: 0.001 min
Response: 2612417
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



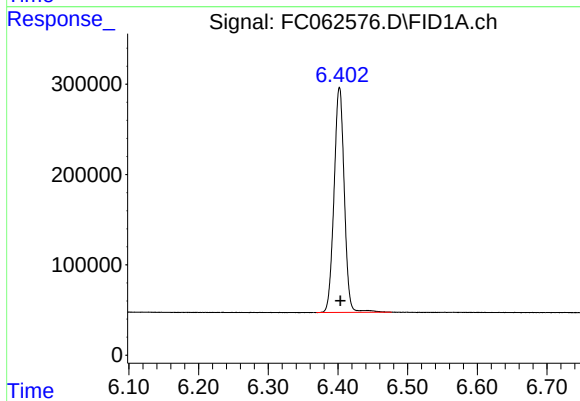
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 2539211
Conc: 19.58 ug/ml



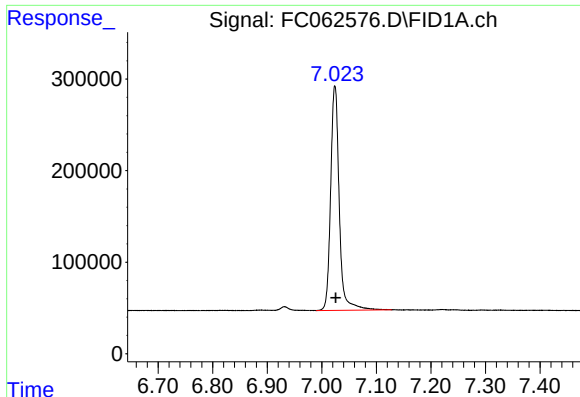
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 2881523
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

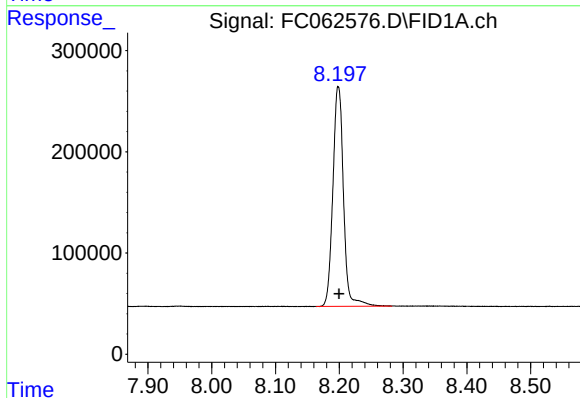
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 2546606
Conc: 19.81 ug/ml



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

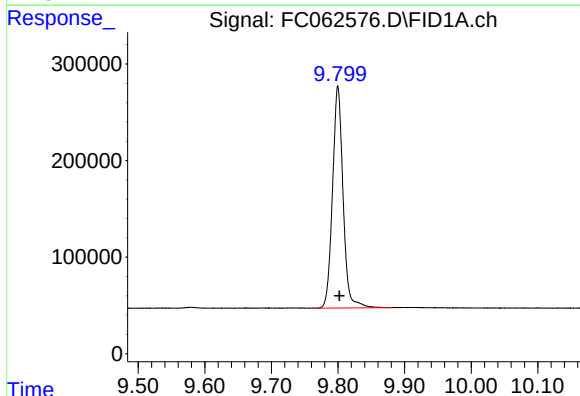
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2681900
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



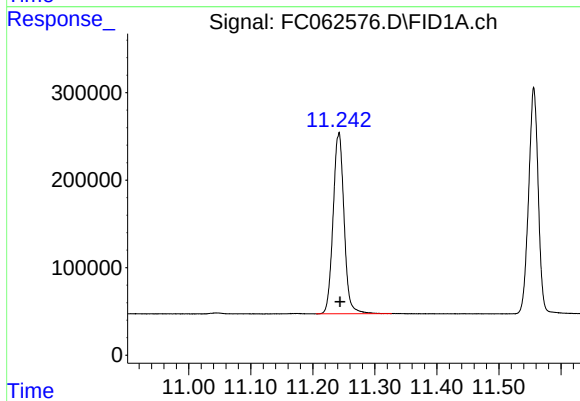
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.001 min
Response: 2515570
Conc: 19.54 ug/ml



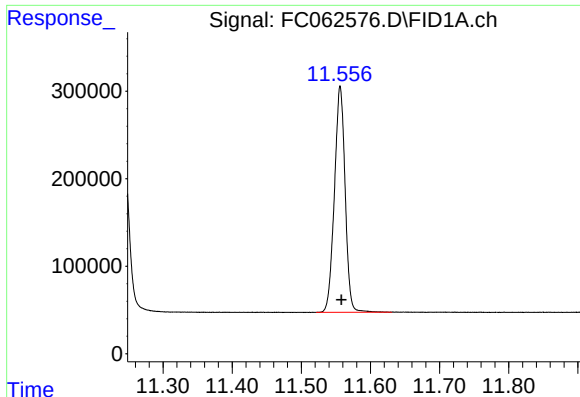
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2529346
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

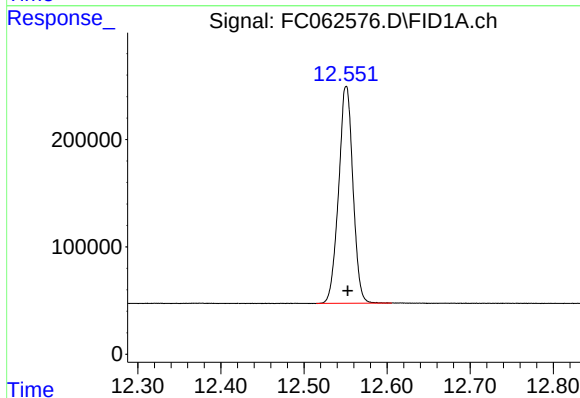
R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 2539451
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

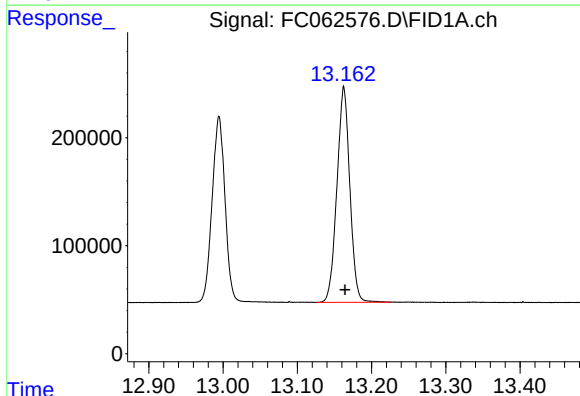
R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 2777664
Conc: 19.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



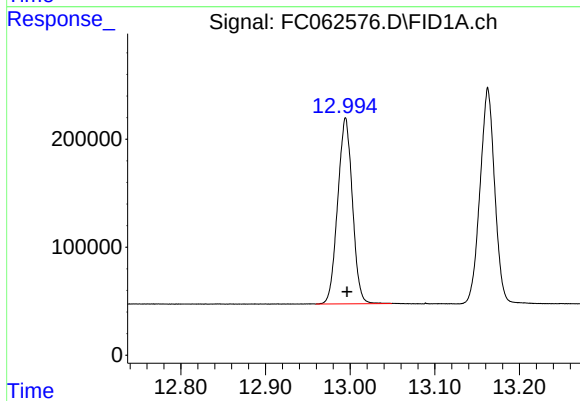
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 2424928
Conc: 19.65 ug/ml



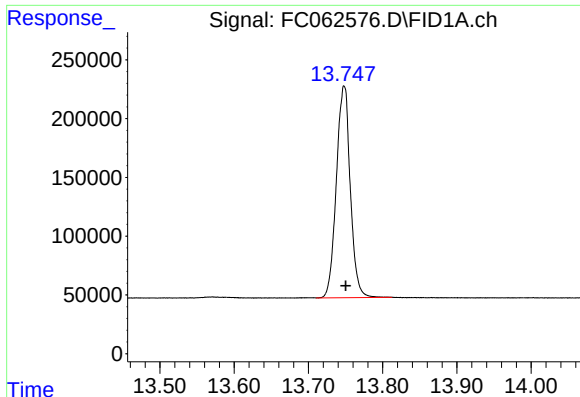
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.002 min
Response: 2410620
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

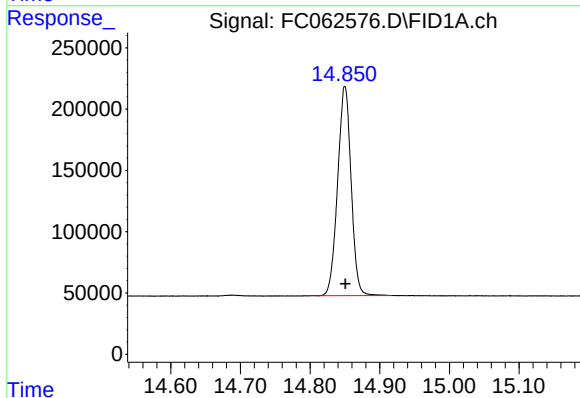
R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 2078219
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

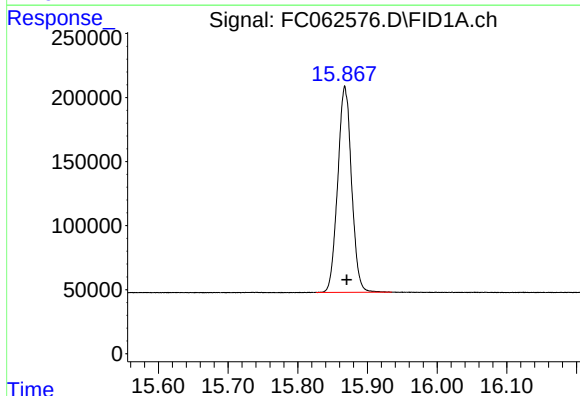
R.T.: 13.748 min
Delta R.T.: -0.002 min
Response: 2349727
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



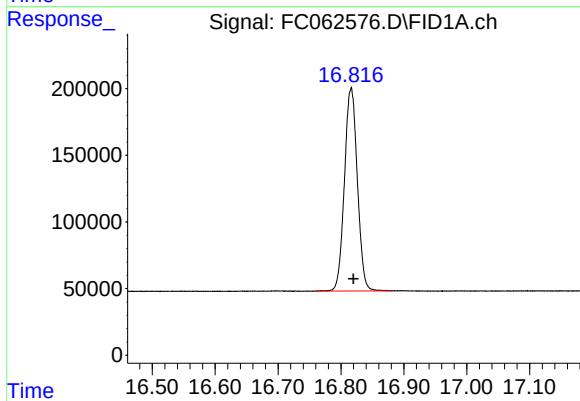
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2298790
Conc: 19.74 ug/ml



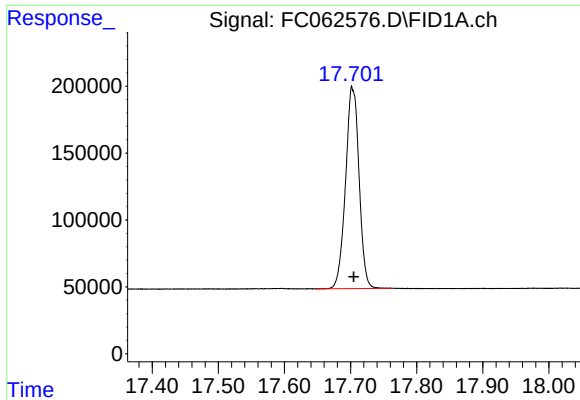
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.003 min
Response: 2219426
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

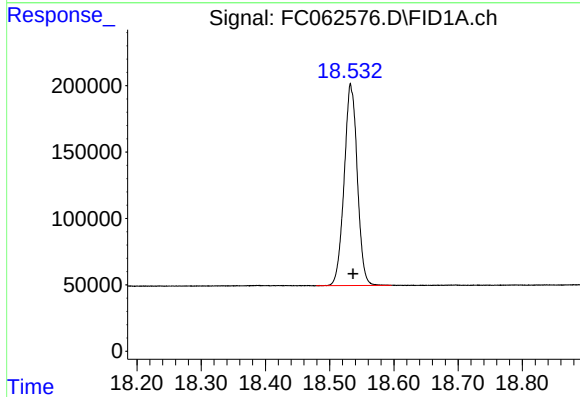
R.T.: 16.816 min
Delta R.T.: -0.004 min
Response: 2171497
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

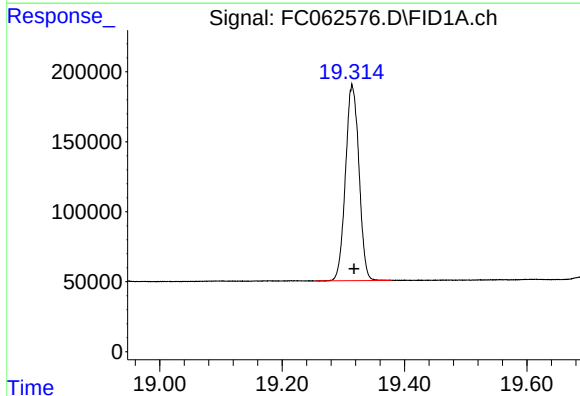
R.T.: 17.703 min
Delta R.T.: -0.002 min
Response: 2142793
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



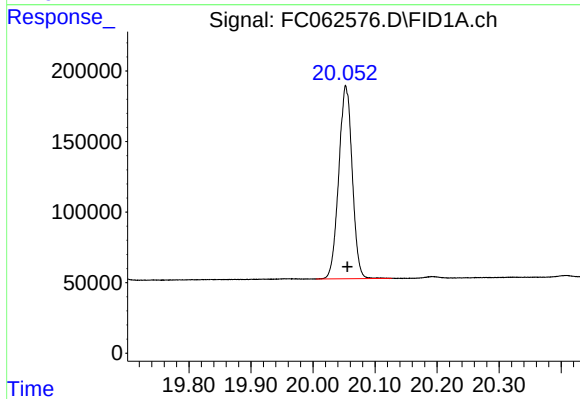
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.003 min
Response: 2153914
Conc: 19.73 ug/ml



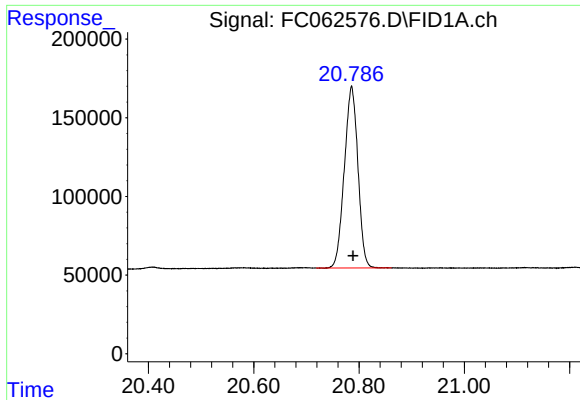
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.003 min
Response: 2139820
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

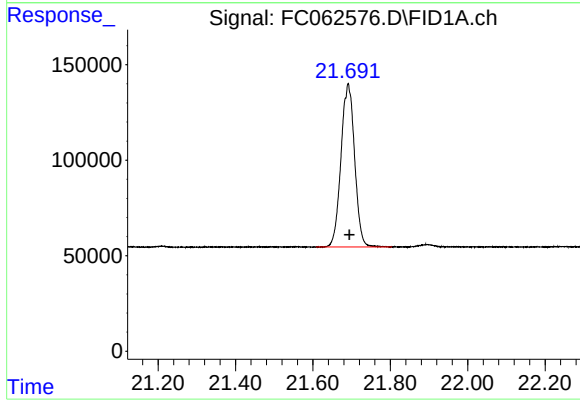
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2065638
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.002 min
Response: 2065875
Conc: 19.51 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.004 min
Response: 2090192
Conc: 19.63 ug/ml