

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122822AL\
 Data File : FC062490.D
 Signal(s) : FID1A.ch
 Acq On : 28 Dec 2022 10:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 28 18:05:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.565	2339677	16.586 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
12) S 1-chlorooctadecane (S...	13.006	1724289	16.178 ug/ml
Spiked Amount 50.000		Recovery =	32.36%
Target Compounds			
1) T n-Nonane (C9)	3.315	2090678	16.255 ug/ml
2) T n-Decane (C10)	4.385	2118573	17.030 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2379175	16.767 ug/ml
4) T n-Dodecane (C12)	6.410	2050423	16.370 ug/ml
5) T A~2-methylnaphthalene...	7.032	2219648	17.263 ug/ml
6) T n-Tetradecane (C14)	8.208	2099192	17.237 ug/ml
7) T n-Hexadecane (C16)	9.810	2128154	16.955 ug/ml
8) T n-Octadecane (C18)	11.252	2164013	16.939 ug/ml
10) T n-Eicosane (C20)	12.561	2099496	16.878 ug/ml
11) T n-Heneicosane (C21)	13.173	2065268	16.713 ug/ml
13) T n-Docosane (C22)	13.758	2135562	17.580 ug/ml
14) T n-Tetracosane (C24)	14.860	2244287	18.723 ug/ml
15) T n-Hexacosane (C26)	15.880	2292514	19.735 ug/ml
16) T n-Octacosane (C28)	16.828	2389698	21.026 ug/ml
17) T n-Tricontane (C30)	17.714	2444486	21.865 ug/ml
18) T n-Dotriacontane (C32)	18.544	2414777	21.732 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2152772	19.899 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1948308	19.191 ug/ml
21) T n-Octatriacontane (C38)	20.802	1841561	18.000 ug/ml
22) T n-Tetracontane (C40)	21.710	1807327	17.833 ug/ml

(f)=RT Delta > 1/2 Window

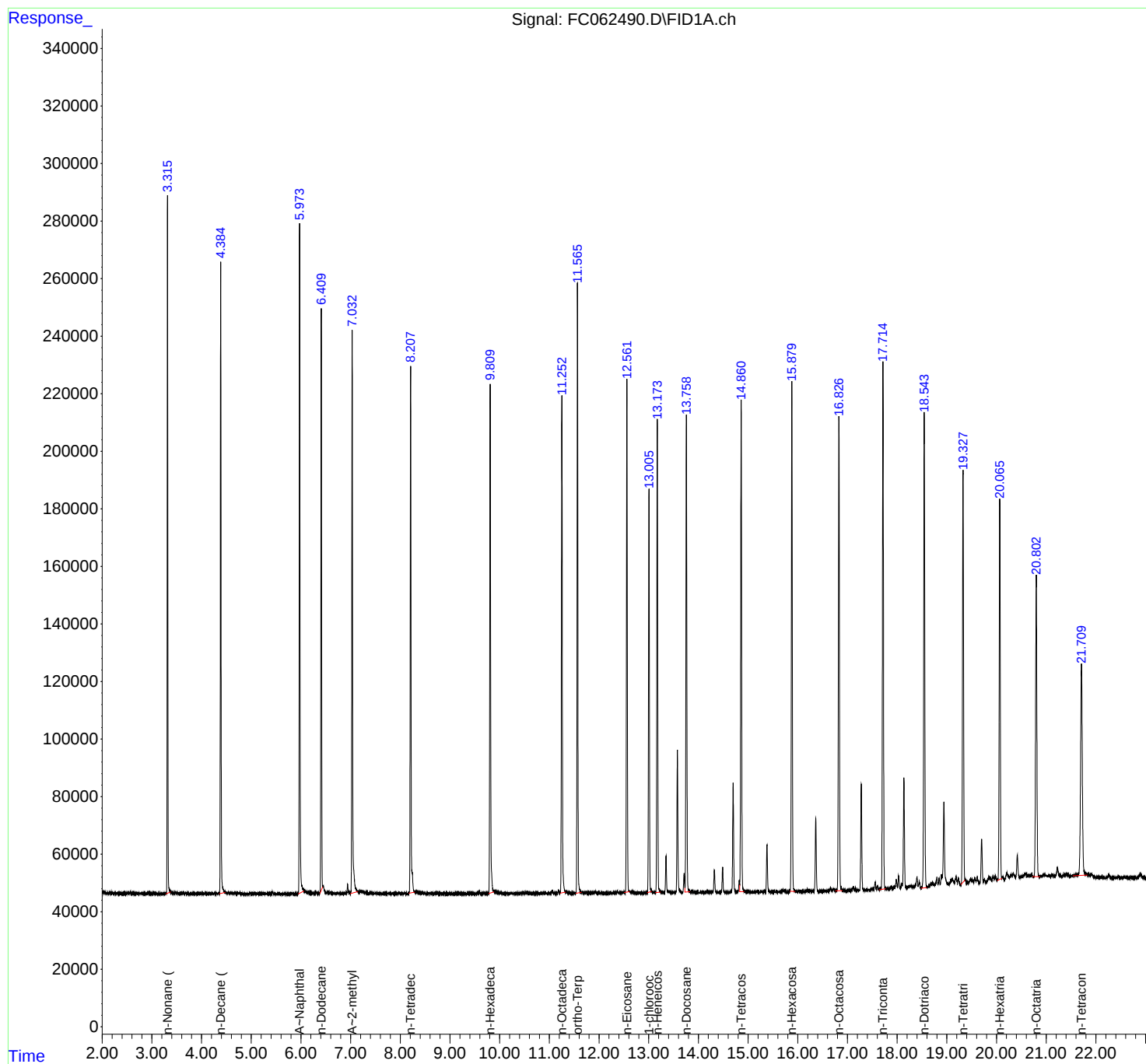
(m)=manual int.

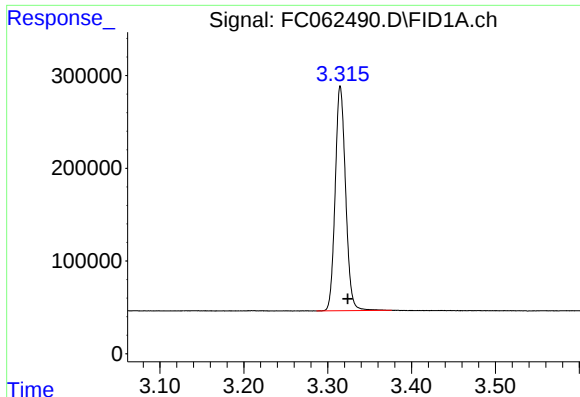
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122822AL\
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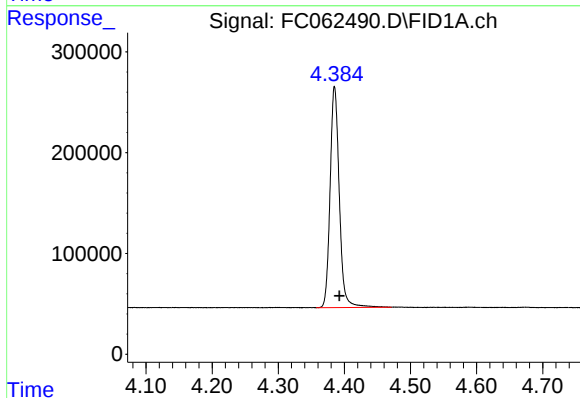




#1 n-Nonane (C9)

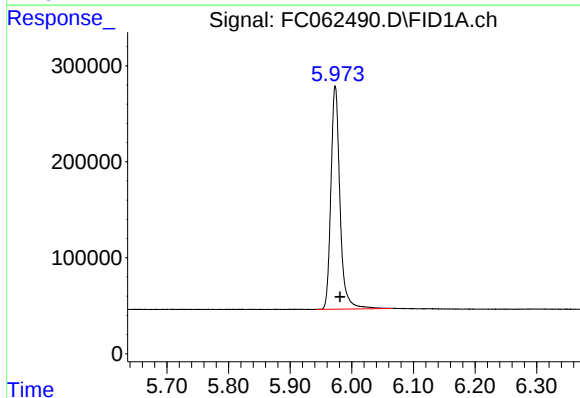
R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 2090678
Conc: 16.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



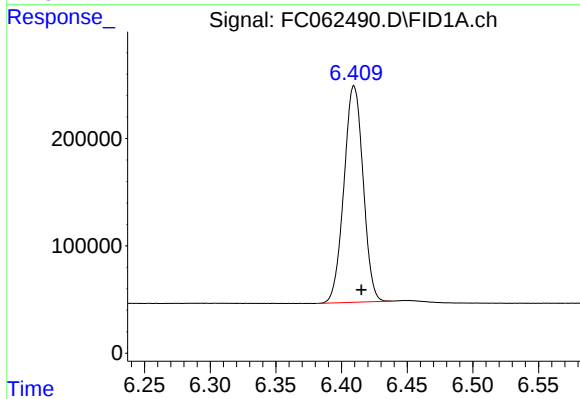
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.007 min
Response: 2118573
Conc: 17.03 ug/ml



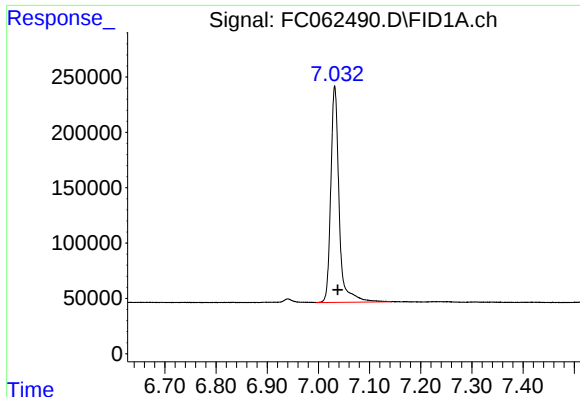
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.008 min
Response: 2379175
Conc: 16.77 ug/ml



#4 n-Dodecane (C12)

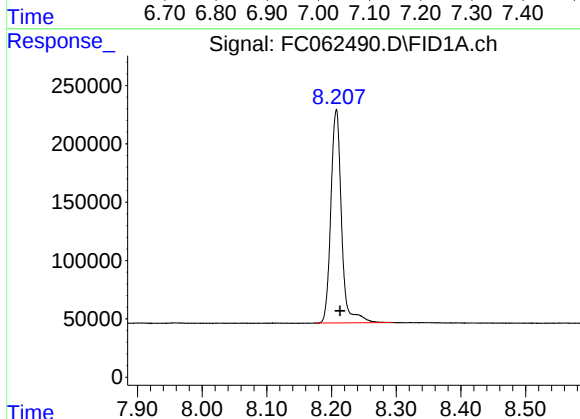
R.T.: 6.410 min
Delta R.T.: -0.006 min
Response: 2050423
Conc: 16.37 ug/ml



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

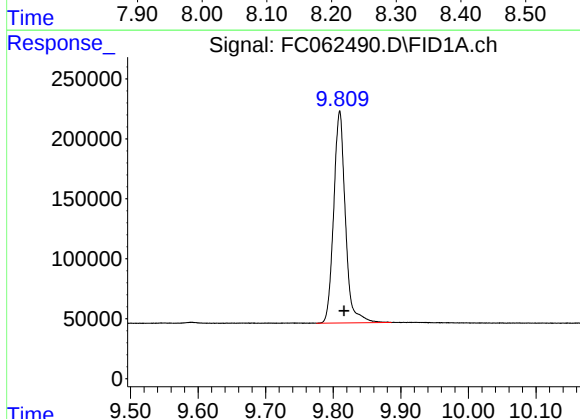
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2219648
Conc: 17.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



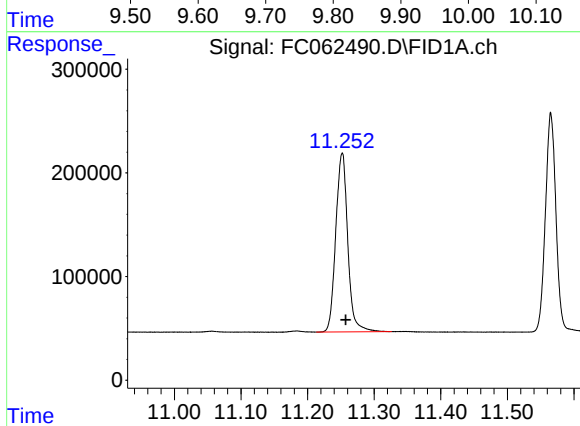
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.006 min
Response: 2099192
Conc: 17.24 ug/ml



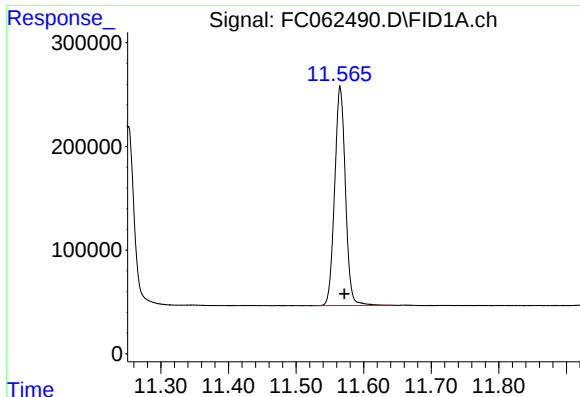
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.006 min
Response: 2128154
Conc: 16.96 ug/ml



#8 n-Octadecane (C18)

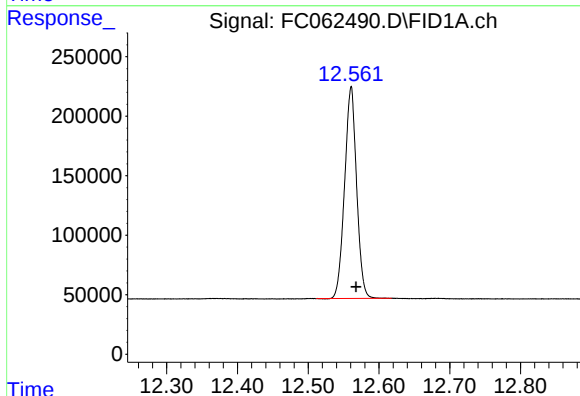
R.T.: 11.252 min
Delta R.T.: -0.006 min
Response: 2164013
Conc: 16.94 ug/ml



#9 ortho-Terphenyl (SURR)

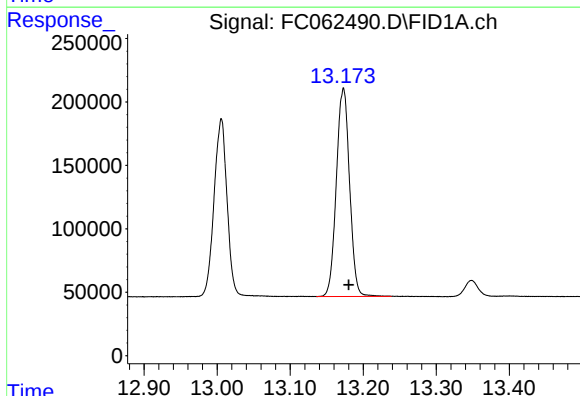
R.T.: 11.565 min
Delta R.T.: -0.006 min
Response: 2339677
Conc: 16.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



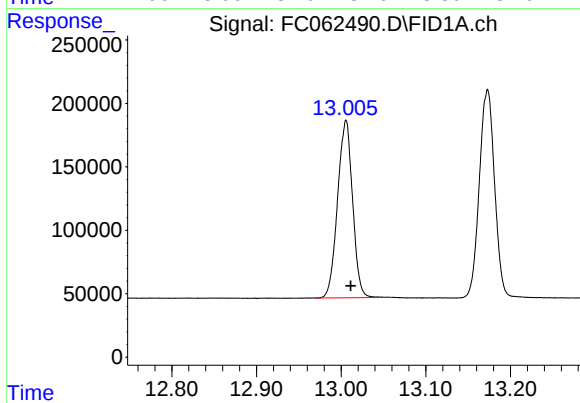
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.007 min
Response: 2099496
Conc: 16.88 ug/ml



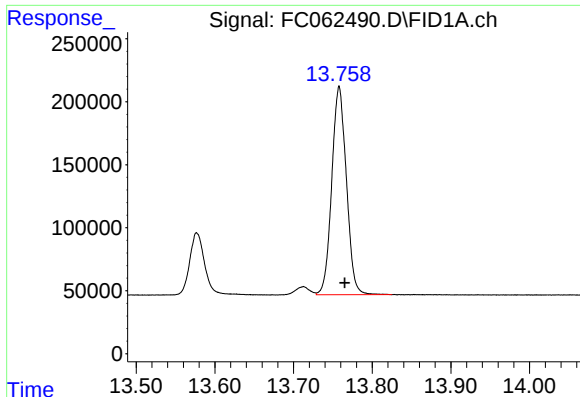
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.007 min
Response: 2065268
Conc: 16.71 ug/ml



#12 1-chlorooctadecane (SURR)

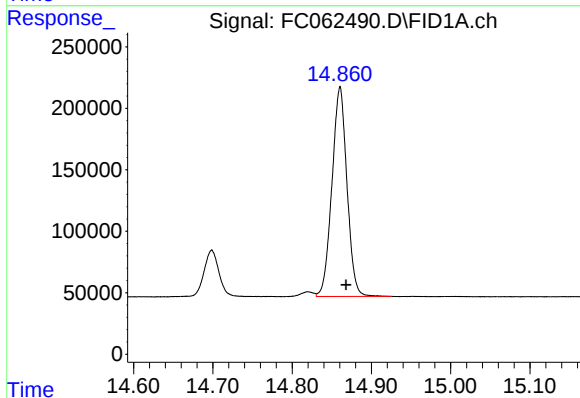
R.T.: 13.006 min
Delta R.T.: -0.006 min
Response: 1724289
Conc: 16.18 ug/ml



#13 n-Docosane (C22)

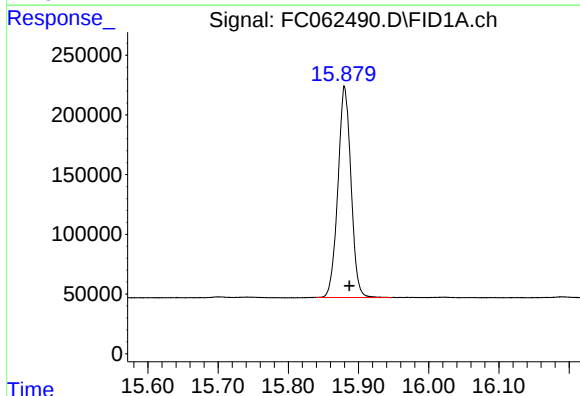
R.T.: 13.758 min
Delta R.T.: -0.007 min
Response: 2135562
Conc: 17.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



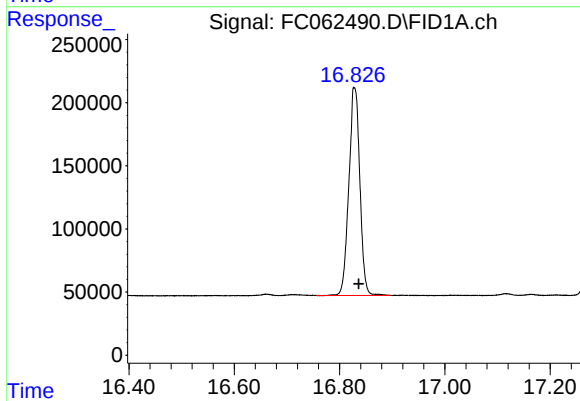
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.007 min
Response: 2244287
Conc: 18.72 ug/ml



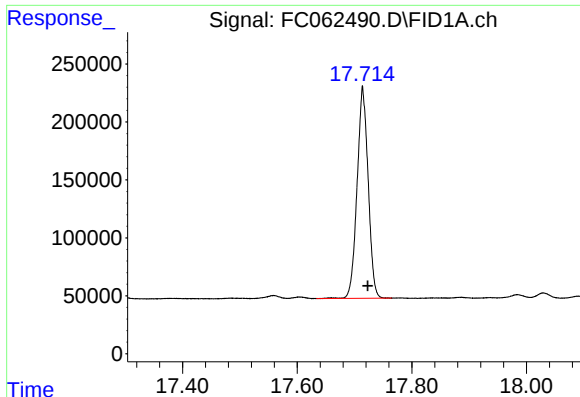
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.007 min
Response: 2292514
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

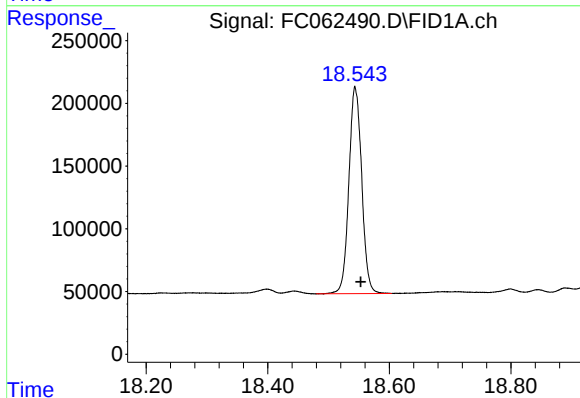
R.T.: 16.828 min
Delta R.T.: -0.008 min
Response: 2389698
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

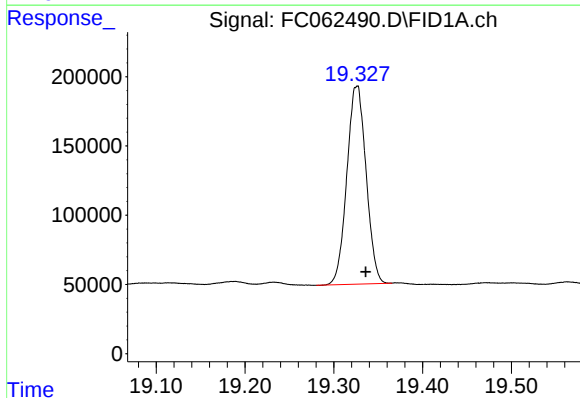
R.T.: 17.714 min
Delta R.T.: -0.009 min
Response: 2444486
Conc: 21.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



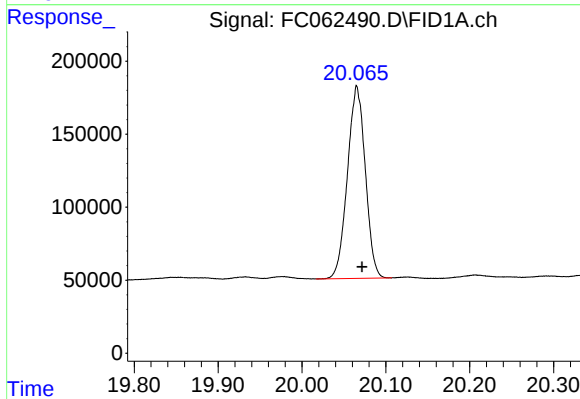
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.009 min
Response: 2414777
Conc: 21.73 ug/ml



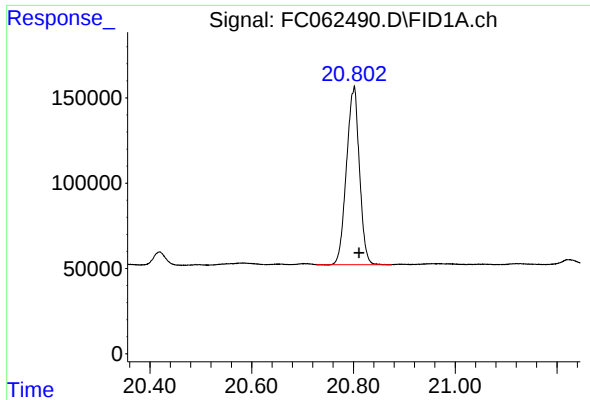
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.010 min
Response: 2152772
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

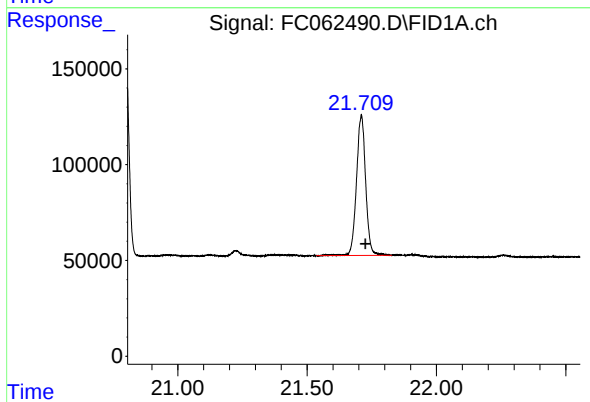
R.T.: 20.065 min
Delta R.T.: -0.006 min
Response: 1948308
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.010 min
Response: 1841561
Conc: 18.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 1807327
Conc: 17.83 ug/ml