

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121422AL\
 Data File : FC062425.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2022 12:18
 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 15 03:05:12 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)	11.573	2388661	16.933 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
12) S 1-chlorooctadecane (S...	13.010	1810642	16.988 ug/ml
Spiked Amount 50.000		Recovery =	33.98%
Target Compounds			
1) T n-Nonane (C9)	3.321	2158894	16.786 ug/ml
2) T n-Decane (C10)	4.389	2129817	17.121 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2425773	17.095 ug/ml
4) T n-Dodecane (C12)	6.412	2139182	17.078 ug/ml
5) T A~2-methylnaphthalene...	7.036	2279160	17.726 ug/ml
6) T n-Tetradecane (C14)	8.210	2142129	17.589 ug/ml
7) T n-Hexadecane (C16)	9.814	2179142	17.362 ug/ml
8) T n-Octadecane (C18)	11.257	2195314	17.184 ug/ml
10) T n-Eicosane (C20)	12.567	2125287	17.085 ug/ml
11) T n-Heneicosane (C21)	13.178	2107755	17.056 ug/ml
13) T n-Docosane (C22)	13.764	2110441	17.374 ug/ml
14) T n-Tetracosane (C24)	14.868	2142781	17.876 ug/ml
15) T n-Hexacosane (C26)	15.887	2097346	18.055 ug/ml
16) T n-Octacosane (C28)	16.837	2113614	18.597 ug/ml
17) T n-Tricontane (C30)	17.722	2152581	19.254 ug/ml
18) T n-Dotriacontane (C32)	18.555	2164290	19.477 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2038540	18.843 ug/ml
20) T n-Hexatriacontane (C36)	20.074	1872315	18.442 ug/ml
21) T n-Octatriacontane (C38)	20.810	1827494	17.863 ug/ml
22) T n-Tetracontane (C40)	21.727	1816207	17.921 ug/ml

(f)=RT Delta > 1/2 Window

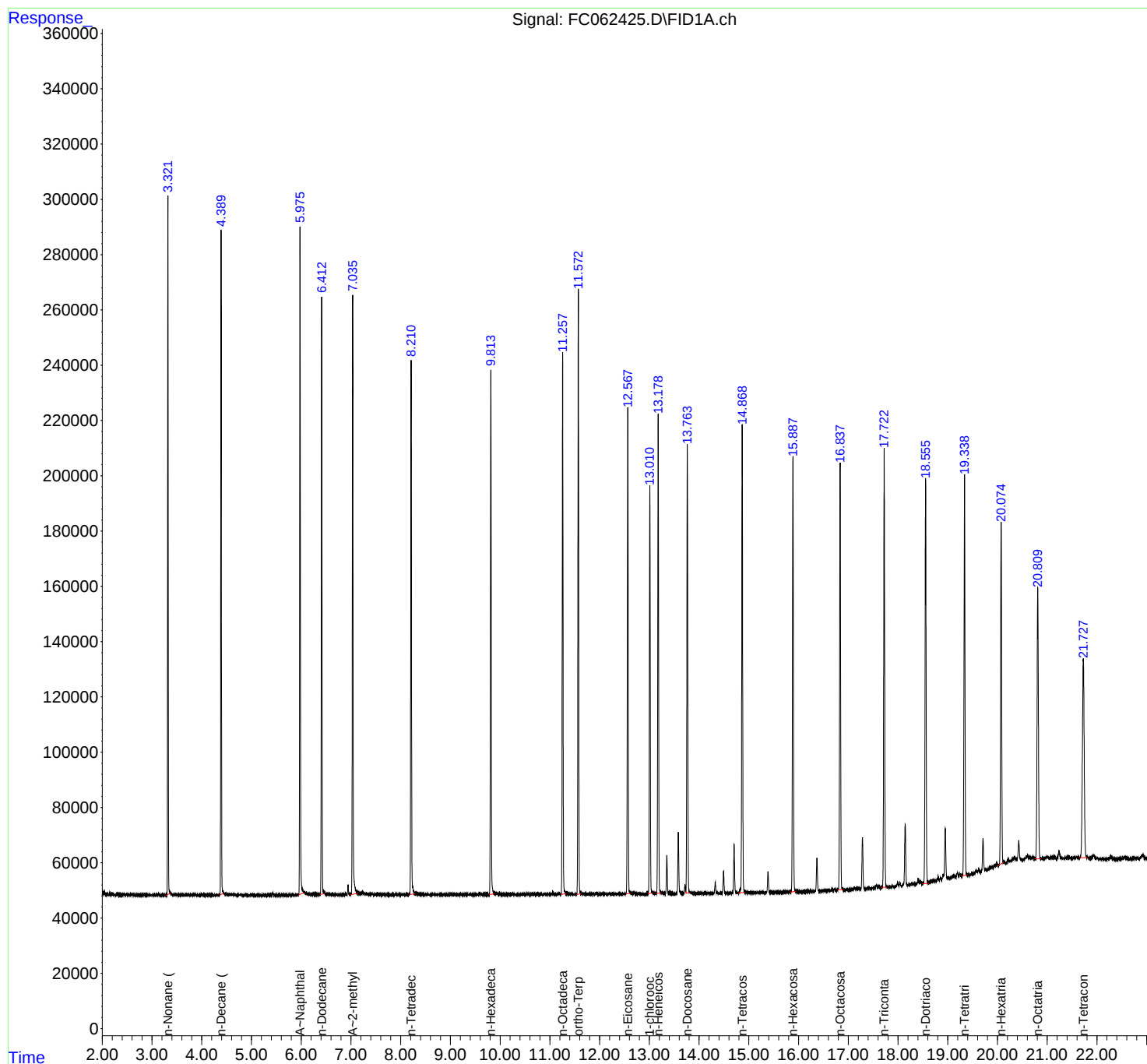
(m)=manual int.

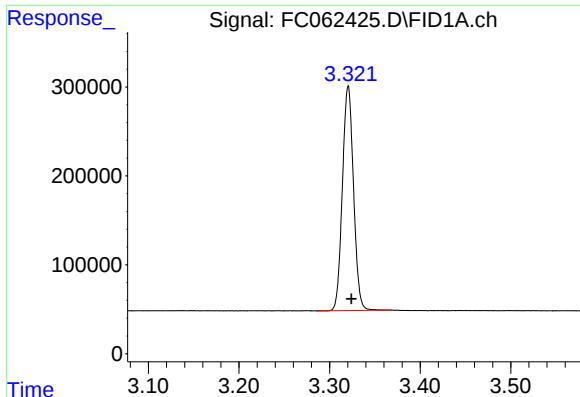
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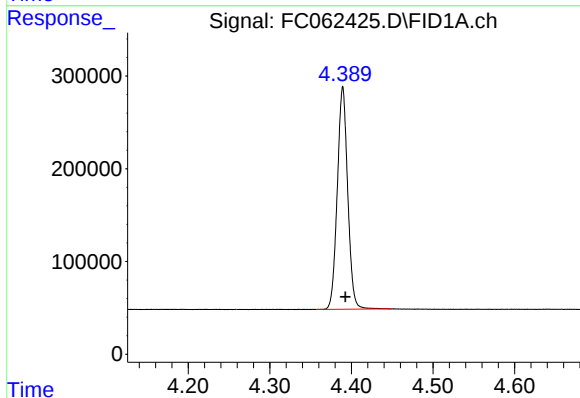




#1 n-Nonane (C9)

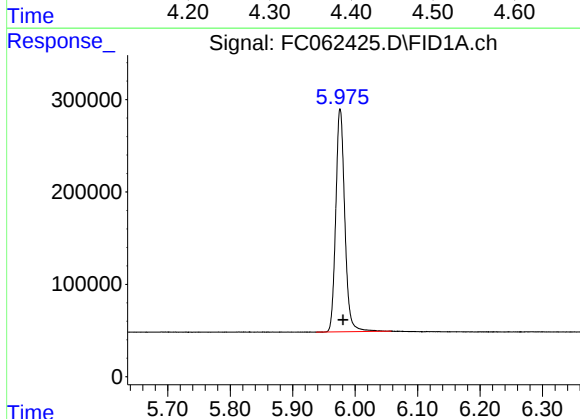
R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 2158894
Conc: 16.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



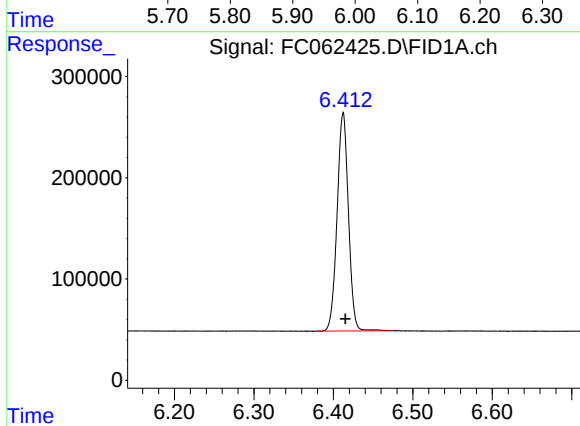
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 2129817
Conc: 17.12 ug/ml



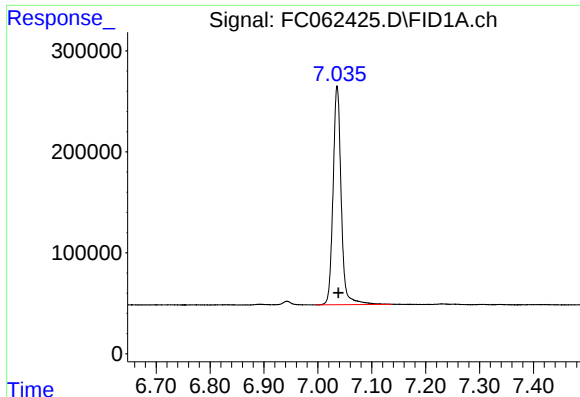
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.005 min
Response: 2425773
Conc: 17.09 ug/ml



#4 n-Dodecane (C12)

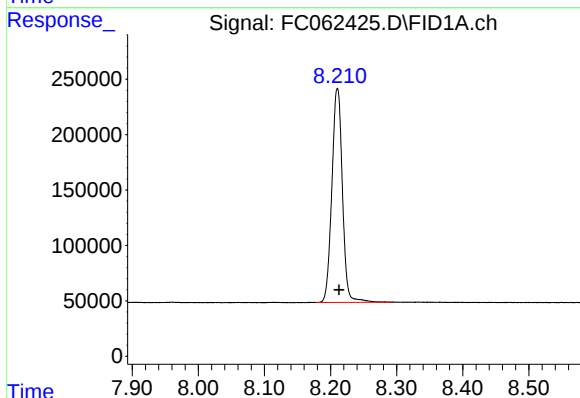
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 2139182
Conc: 17.08 ug/ml



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

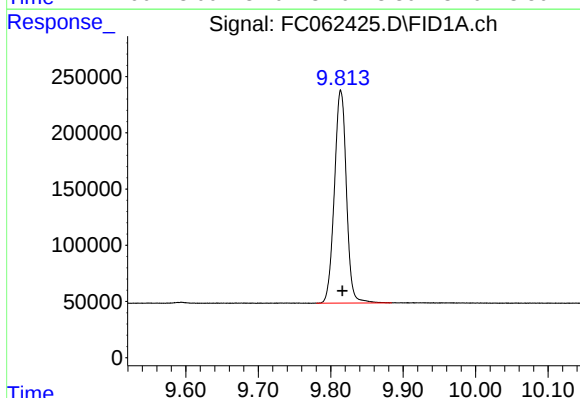
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2279160
Conc: 17.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



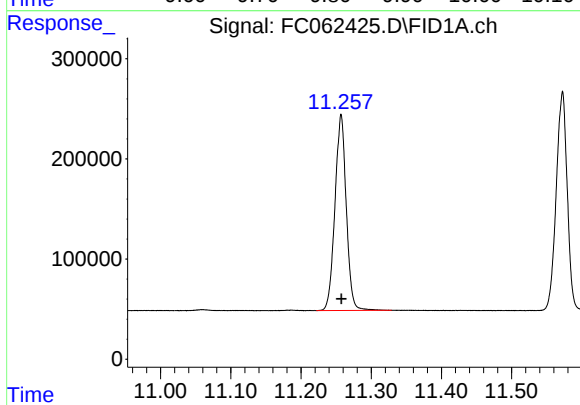
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 2142129
Conc: 17.59 ug/ml



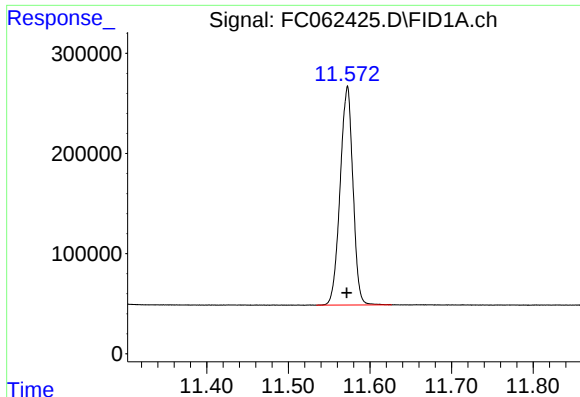
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 2179142
Conc: 17.36 ug/ml



#8 n-Octadecane (C18)

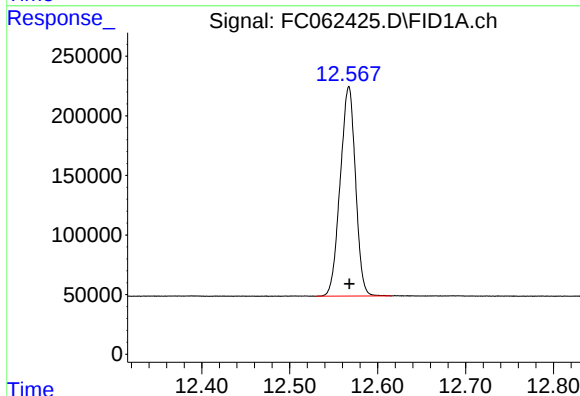
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2195314
Conc: 17.18 ug/ml



#9 ortho-Terphenyl (SURR)

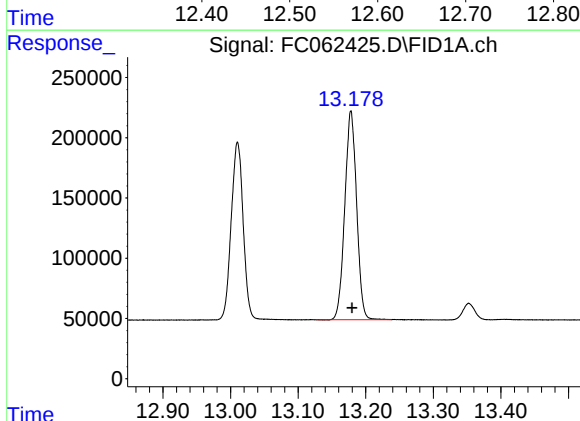
R.T.: 11.573 min
Delta R.T.: 0.001 min
Response: 2388661
Conc: 16.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



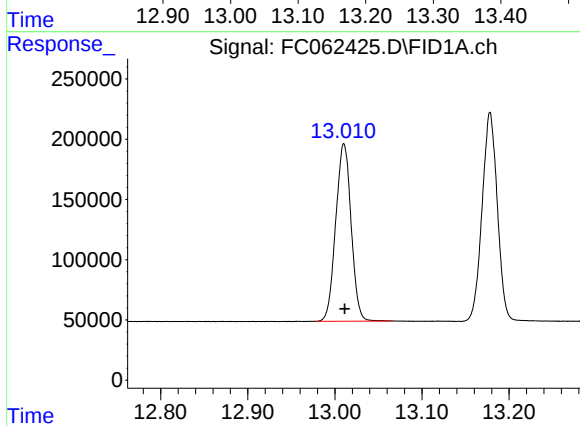
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 2125287
Conc: 17.09 ug/ml



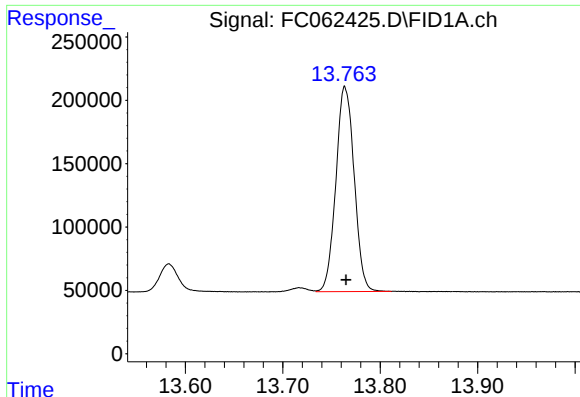
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.002 min
Response: 2107755
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

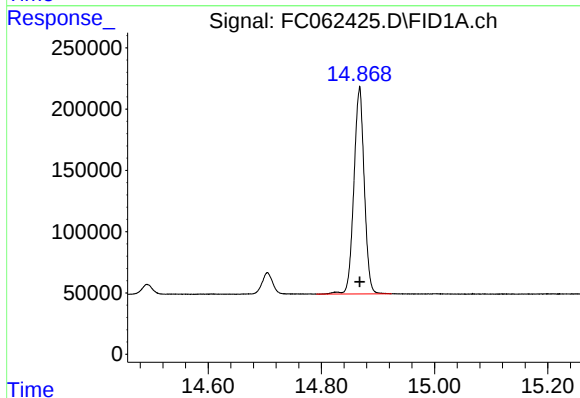
R.T.: 13.010 min
Delta R.T.: -0.001 min
Response: 1810642
Conc: 16.99 ug/ml



#13 n-Docosane (C22)

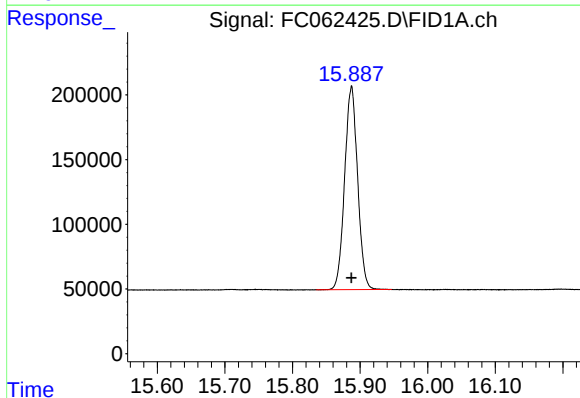
R.T.: 13.764 min
Delta R.T.: -0.001 min
Response: 2110441
Conc: 17.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



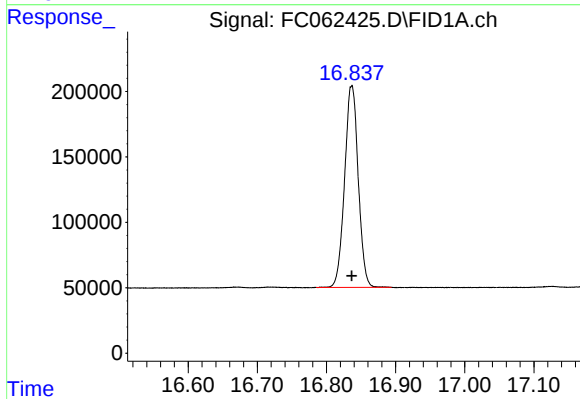
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2142781
Conc: 17.88 ug/ml



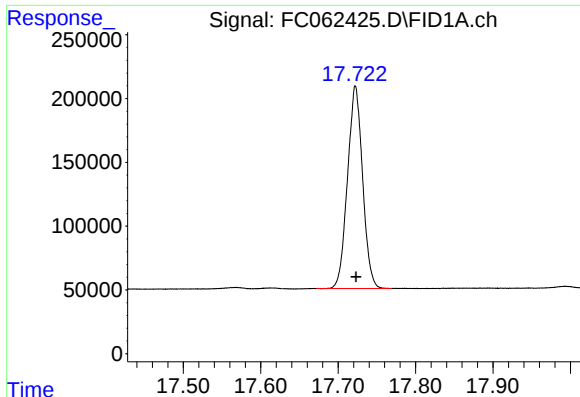
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 2097346
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

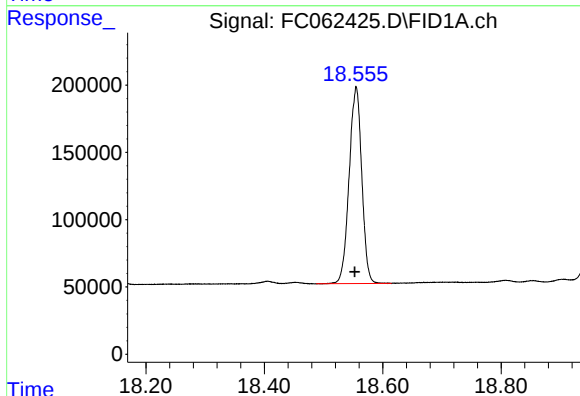
R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2113614
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

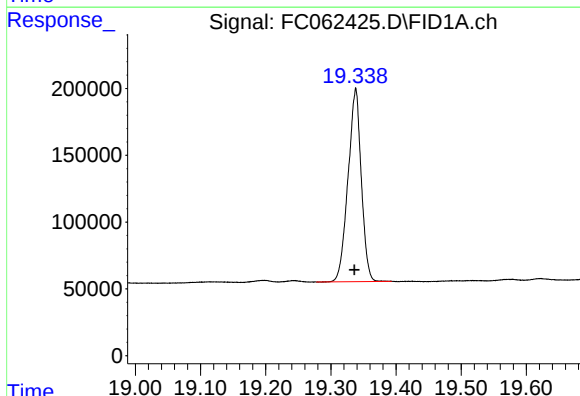
R.T.: 17.722 min
Delta R.T.: 0.000 min
Response: 2152581
Conc: 19.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



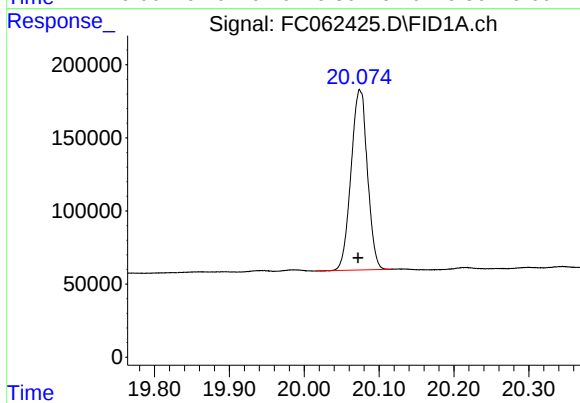
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.003 min
Response: 2164290
Conc: 19.48 ug/ml



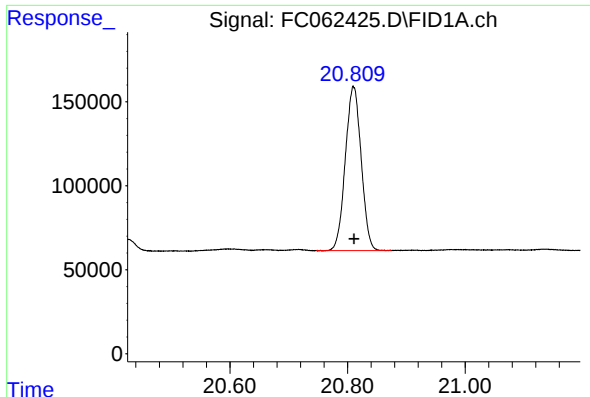
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.002 min
Response: 2038540
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

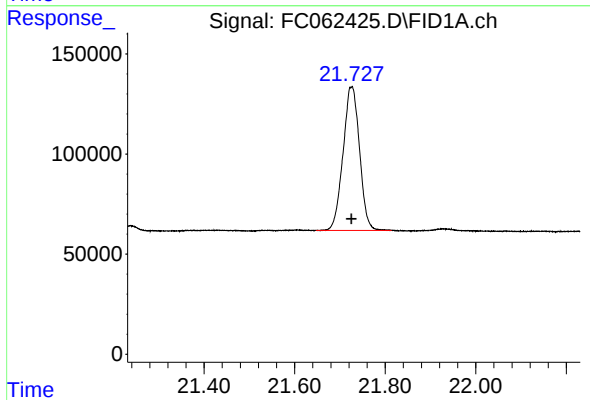
R.T.: 20.074 min
Delta R.T.: 0.003 min
Response: 1872315
Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.001 min
Response: 1827494
Conc: 17.86 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.001 min
Response: 1816207
Conc: 17.92 ug/ml