

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121522AL\
 Data File : FC062452.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2022 21:59
 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 16 03:10:53 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)	11.574	2499172	17.717 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
12) S 1-chlorooctadecane (S...	13.014	1900590	17.832 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T n-Nonane (C9)	3.322	2268093	17.635 ug/ml
2) T n-Decane (C10)	4.391	2234479	17.962 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2540542	17.904 ug/ml
4) T n-Dodecane (C12)	6.415	2195666	17.529 ug/ml
5) T A~2-methylnaphthalene...	7.038	2382761	18.532 ug/ml
6) T n-Tetradecane (C14)	8.213	2231935	18.327 ug/ml
7) T n-Hexadecane (C16)	9.816	2272027	18.102 ug/ml
8) T n-Octadecane (C18)	11.258	2294511	17.961 ug/ml
10) T n-Eicosane (C20)	12.568	2224163	17.880 ug/ml
11) T n-Heneicosane (C21)	13.181	2207112	17.860 ug/ml
13) T n-Docosane (C22)	13.767	2208598	18.182 ug/ml
14) T n-Tetracosane (C24)	14.868	2248218	18.756 ug/ml
15) T n-Hexacosane (C26)	15.889	2208250	19.009 ug/ml
16) T n-Octacosane (C28)	16.838	2246117	19.763 ug/ml
17) T n-Tricontane (C30)	17.724	2318997	20.742 ug/ml
18) T n-Dotriacontane (C32)	18.556	2353104	21.177 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2212264	20.449 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2021920	19.916 ug/ml
21) T n-Octatriacontane (C38)	20.813	1962283	19.180 ug/ml
22) T n-Tetracontane (C40)	21.728	1951814	19.259 ug/ml

(f)=RT Delta > 1/2 Window

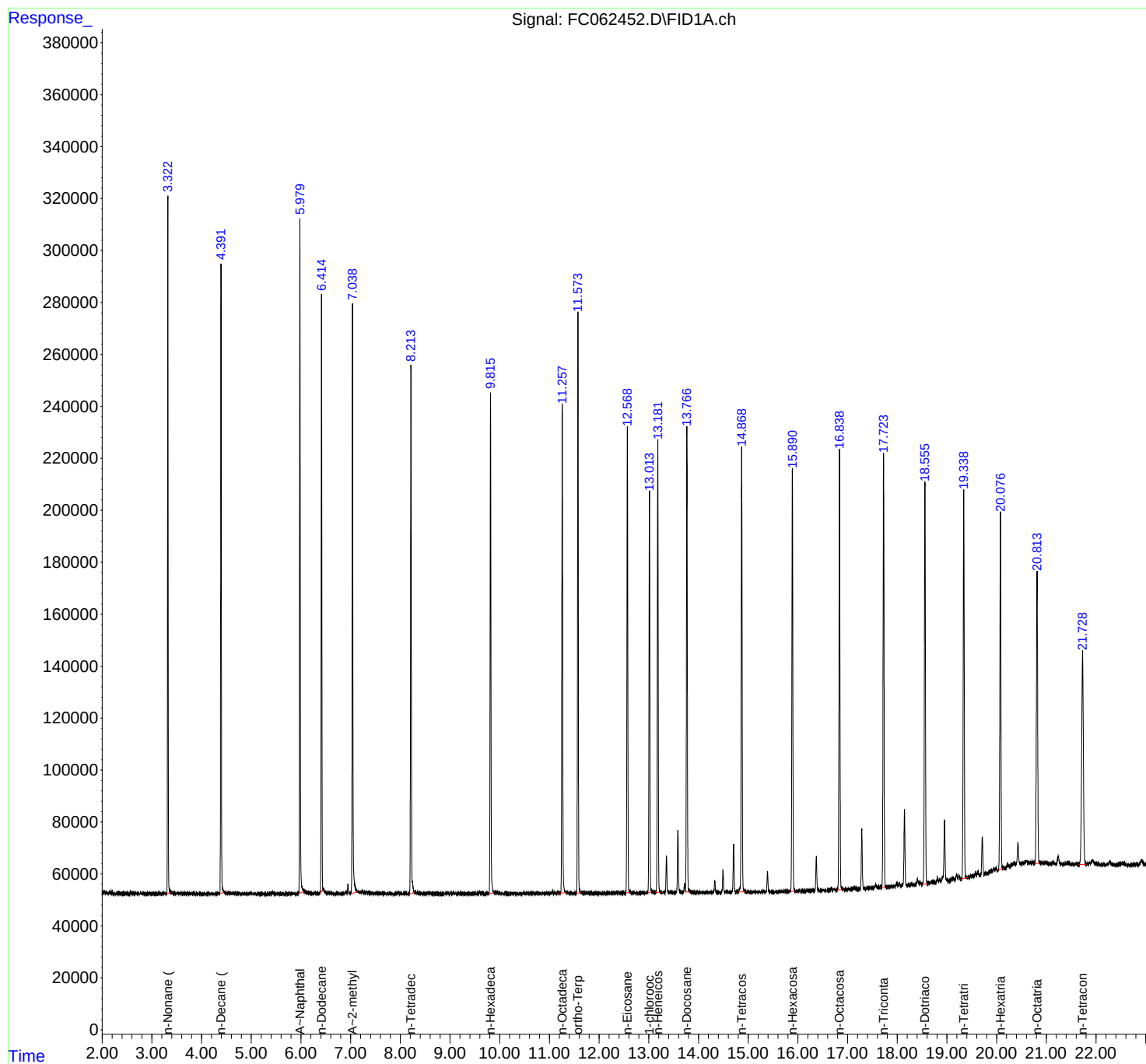
(m)=manual int.

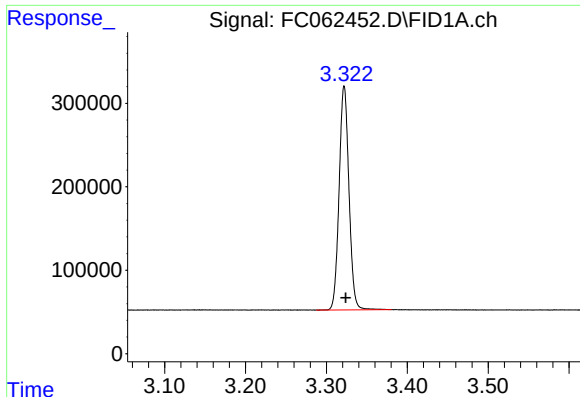
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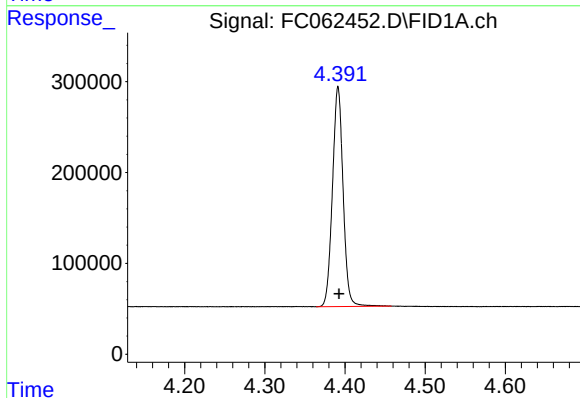




#1 n-Nonane (C9)

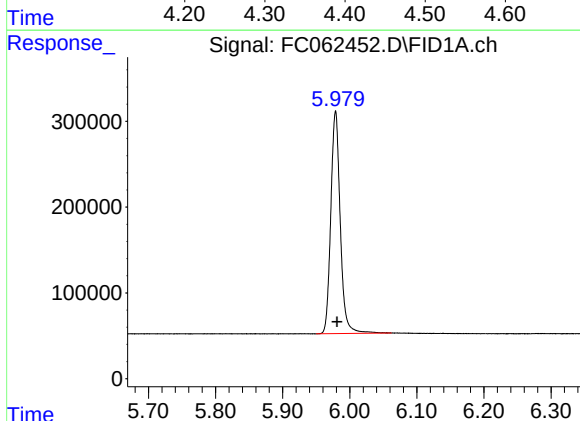
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2268093
Conc: 17.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



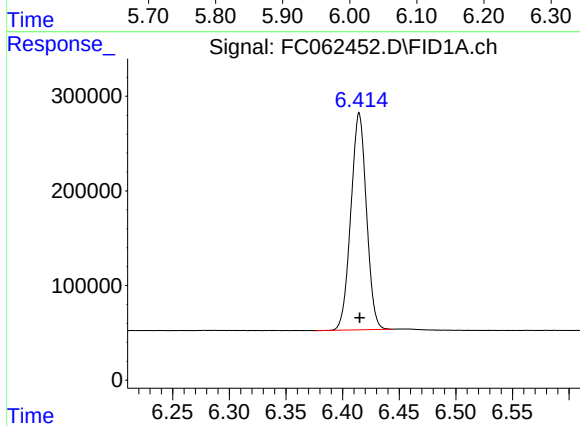
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 2234479
Conc: 17.96 ug/ml



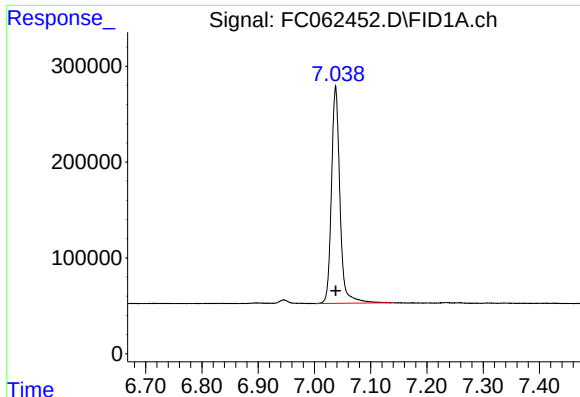
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 2540542
Conc: 17.90 ug/ml



#4 n-Dodecane (C12)

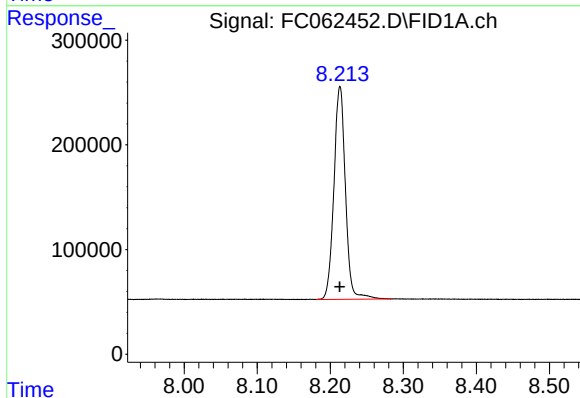
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2195666
Conc: 17.53 ug/ml



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

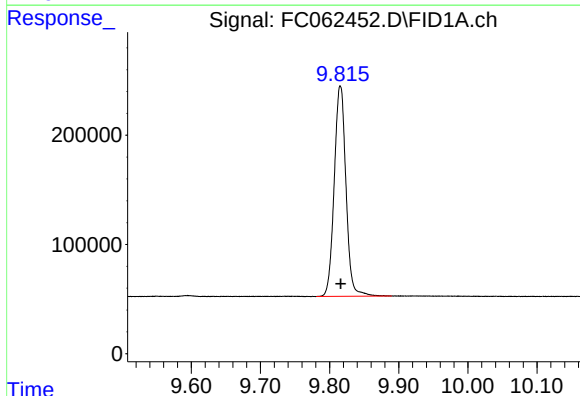
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 2382761
Conc: 18.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



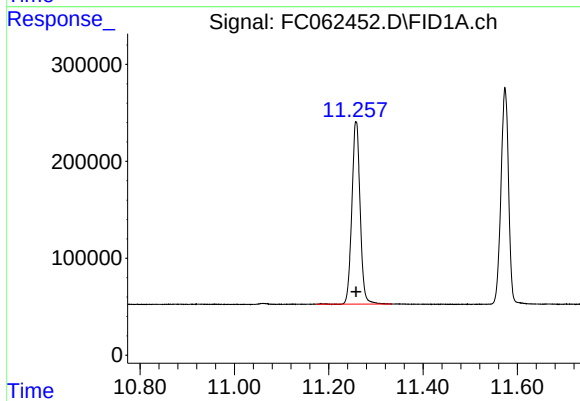
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2231935
Conc: 18.33 ug/ml



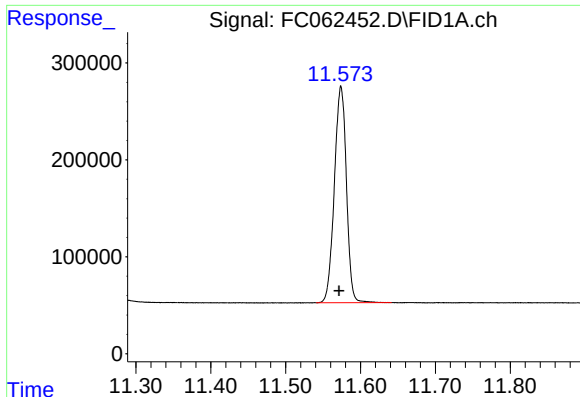
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 2272027
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

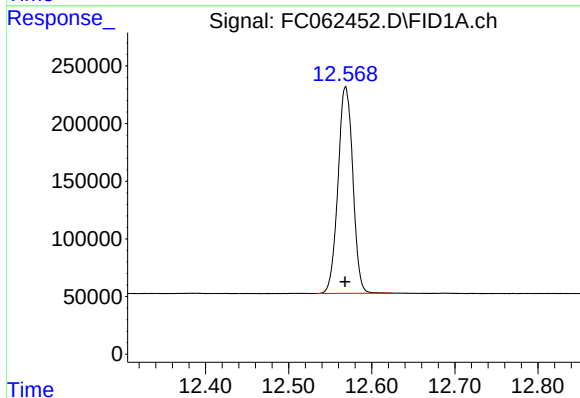
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2294511
Conc: 17.96 ug/ml



#9 ortho-Terphenyl (SURR)

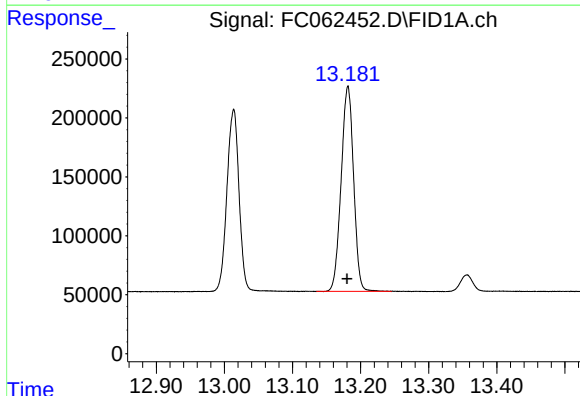
R.T.: 11.574 min
Delta R.T.: 0.003 min
Response: 2499172
Conc: 17.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



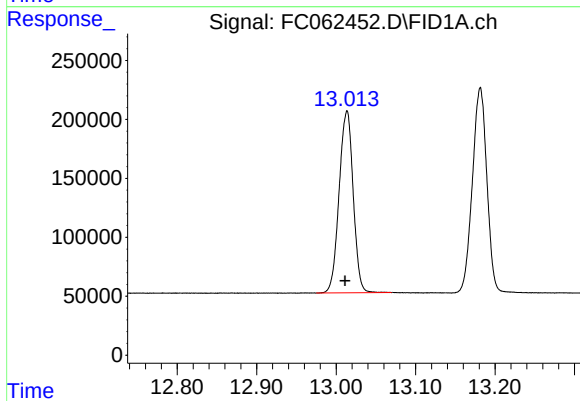
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2224163
Conc: 17.88 ug/ml



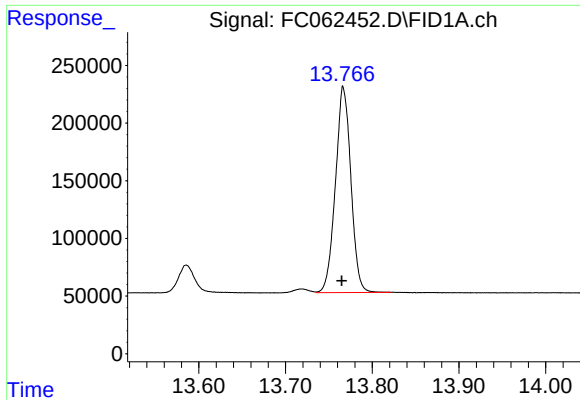
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.001 min
Response: 2207112
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

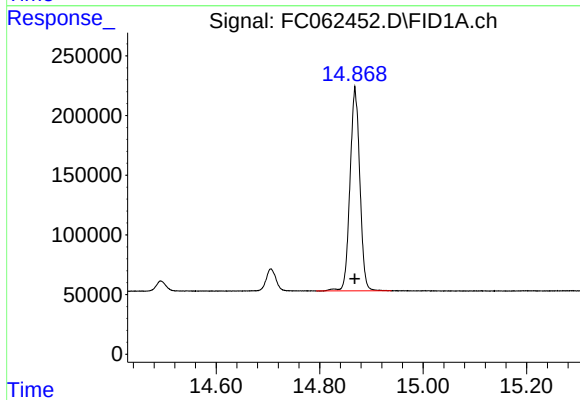
R.T.: 13.014 min
Delta R.T.: 0.002 min
Response: 1900590
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

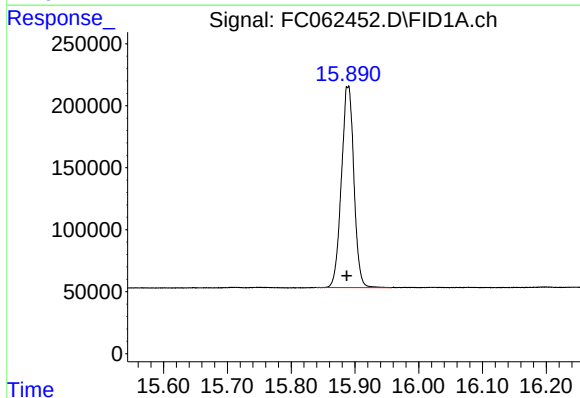
R.T.: 13.767 min
Delta R.T.: 0.002 min
Response: 2208598
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



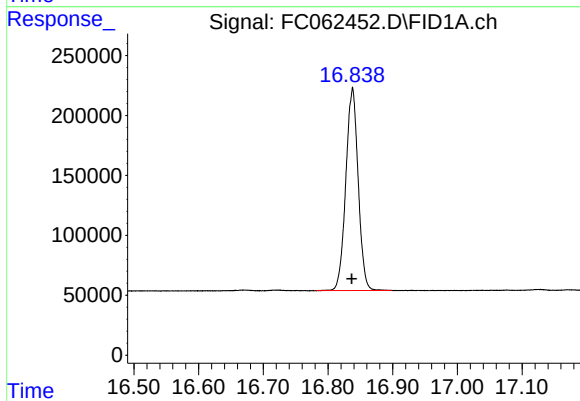
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2248218
Conc: 18.76 ug/ml



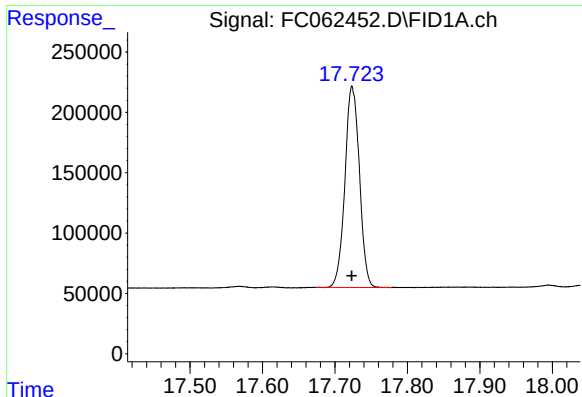
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 2208250
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

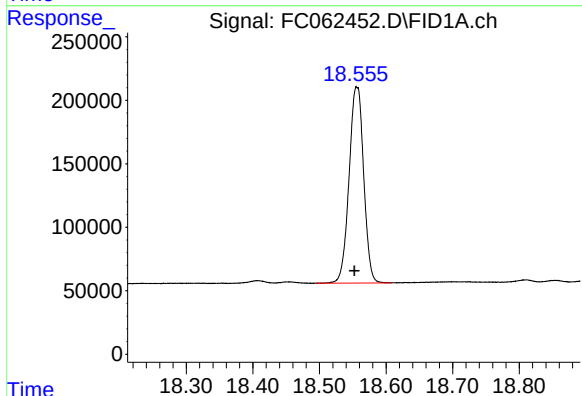
R.T.: 16.838 min
Delta R.T.: 0.002 min
Response: 2246117
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

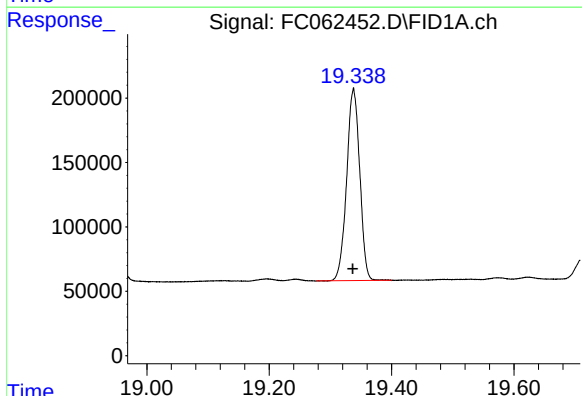
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 2318997
Conc: 20.74 ug/ml

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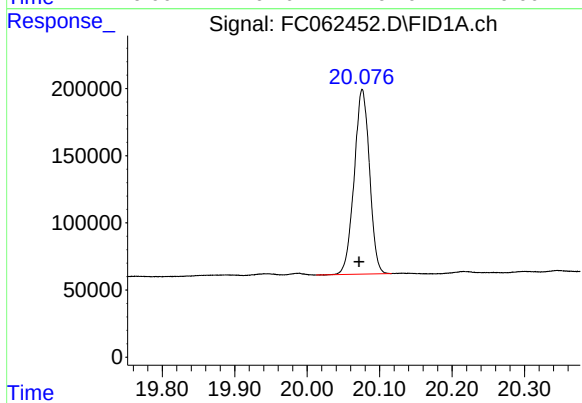
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.003 min
Response: 2353104
Conc: 21.18 ug/ml



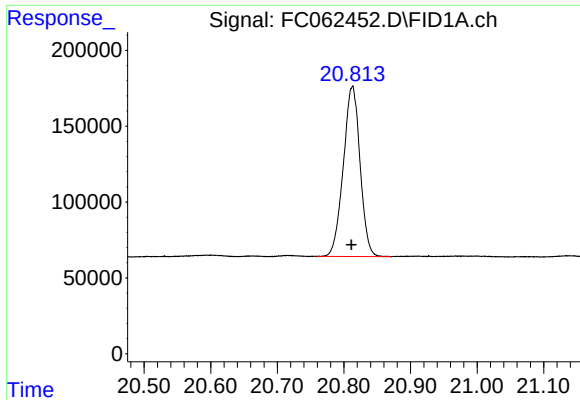
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.002 min
Response: 2212264
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

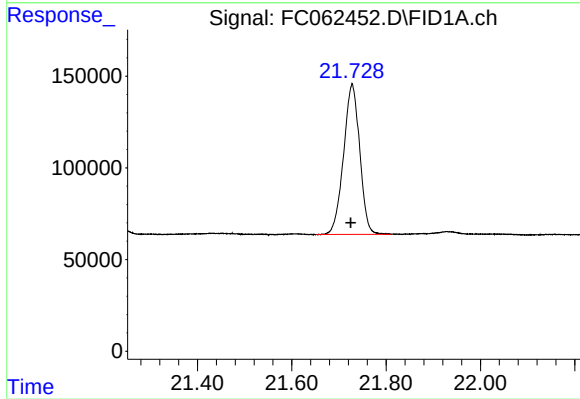
R.T.: 20.076 min
Delta R.T.: 0.004 min
Response: 2021920
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.001 min
Response: 1962283
Conc: 19.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.003 min
Response: 1951814
Conc: 19.26 ug/ml